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Product Change Notification

Current Date: 21-Nov-2016

TE Connectivity

Product Change Notification: E-16-016379

PCN Date: 18-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
MODULAR JACK, RJ45, 8P8C, WITH SHIELD, DIP, REVERSE VERSION

Description of Changes
There have been no changes to the existing parts, the drawings have been modified to show a new product offering.

Reason for Changes:						
New Product. New product offering: 1-2041035-5.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2041035	2041035-5		A3	

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2041035	2041035-5		A3	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-010338

PCN Date: 22-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMP MCP 2.8K FLAT TYPE RECEPTACLE LOOSE PIECE

Description of Changes
The following part numbers are being discontinued (obsolete status). If there are suggested TE Connectivity substitute part numbers or alternate part numbers, they are shown below with any significant differences described. Please verify all substitute or alternate part numbers provided are suitable for your specific application. Drawings are available via TE.com.

Reason for Changes:								
Document Clarification. LOOSE PIECE OBSOLETE								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>30-NOV-2016</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		30-NOV-2016	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	30-NOV-2016							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	No Mixed Shipments							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1241391-2	NO						

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1241391-2	NO						



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016331

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMPLIMITE Socket Connector

Description of Changes
The drawing incorrectly shows part number 3-1393479-9 as obsolete. This simply removes the OBSOLETE callout for that part number.

Reason for Changes:						
Document Clarification. 3-1393479-9 is an active part number, yet the drawing shows it as OBSOLETE.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
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	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1393478-4	3-1393479-8	TYC3-1393479-8	F	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1393478-4	3-1393479-8	TYC3-1393479-8	F	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-016288

PCN Date: 22-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AUTOMACH. WIRE PIN

Description of Changes
There have been no changes to the existing parts, this is a revision increase only. Update the tolerance in 925553. Improve the annotation tolerance.

Reason for Changes:						
Document Clarification. Meet the customers' requirements.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
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Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
925553	925553-2	TYC925553-2	G4	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
925553	925553-2	TYC925553-2	G4	



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-016031

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Duoplug power 1740533 // go to production for 4-1740533-4, 7-1740533-3, 6-1740533-3.

Description of Changes
There have been no changes to the existing parts, the drawings have been modified to show a new product offering.

Reason for Changes:						
Customer Request.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
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Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1740533	1740533-5, 1-1740533-4	TYC1-1740533-4	B13	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1740533	1-1740533-4	TYC1-1740533-4	B13	

Customer: Shanghai TTI Electronics Co Ltd(3084965)

Location: Shanghai

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1740533	1740533-5		B13	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-016442

PCN Date: 22-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Standard timer Housing(2-1241965-4) go to production status

Description of Changes
There have been no changes to the existing parts, the drawings have been modified to show a new product offering.

Reason for Changes:						
Customer Request.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241965	3-1241965-2	TYC3-1241965-2	B30	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241965	3-1241965-2	TYC3-1241965-2	B30	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-015963

PCN Date: 19-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
DEUTSCH DT2pin & DT3pin Receptacles

Description of Changes
Manufacturing location change. The Industrial & Commercial Transportation (ICT) business unit of TE Connectivity (TEC) intends to move production line for the part numbers mentioned below from TEC Hastings, UK campus to TEC Empalme, Sonora, MX campus or TEC Hemet, CA, USA West campus. Level 4 PPAP package will be offered by customer request once a sufficient inventory bank is built to prevent any delay.

Reason for Changes:		
Dear Customer, we inform you of these production line moves as part of our aggressive continuous improvement efforts. We expect transferring our production form the United Kingdom to North America will result in higher efficiency and better cycle times. The transfer is executed by following a strict transfer procedure, which mitigates quality risk while increasing our ability to supply your products on time. The new manufacturing location is governed under a TS16949 certified quality management system. An internal release based on our specifications will be executed before any parts are delivered.		
Estimated Dates:		
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-15-015937-C

PCN Date: 22-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
DYNAMIC D4000 SERIES REC CONTACT

Description of Changes
Changed from whole Au plating area to only in Au plating of contact area.Issued this PCN in P-15-011692. This change is considered by TE Connectivity as a ; . Location of change, see

Reason for Cancellation:
To cancel ECR-15-015937

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1747418-2	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1747418-2	NO		TYC1747418-2				

Customer: Shanghai TTI ELelectronics Co Ltd(1405773)

Location: Shanghai

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1747418-2	NO						

Customer: Shanghai TTI Electronics Co Ltd(3084965)

Location: Shanghai

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1747418-2	NO						

Customer: Shanghai TTI Electronics Co Ltd(3064990)

Location: Shanghai

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1747418-2	NO						



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: P-16-013887

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
PORTE LANGUETTE 2 VOIE 8mm NG1+ ETANCHE

Description of Changes
Manufacturing location change. Following Part Numbers will be transferred from Outside Vendor to Outside Vendor. Both are in Hungary. Molding tool of 1544979-1, ...-5

Reason for Changes:				
Dear Customer, we hereby inform you about a transfer of tools and/or processes. The transfer follows a strict procedure, which fully maintains quality, ability to supply and form-fit-function of the concerned products. The new manufacturing location operates under a certified quality management system in accordance with standard automotive requirements. A TE-internal release test based on the relevant part specifications will be executed before delivery. Upon request, a PPAP Level 2 will be available if it concerns a transfer of a tool which produces a finished TE-product. A PPAP Level 1 will be available if it concerns a component of a TE-product, where the production location of the finished TE-product remains unchanged. If you require such a PPAP, please notify the responsible TE Sales Contact within 14 calendar days after receipt of this PCN				
Estimated Dates:				
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>15-MAY-2017</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		15-MAY-2017
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):			
	15-MAY-2017			



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: P-16-013886

PCN Date: 28-NOV-16

Customer: DISTRIBUTOR EMEA (66666663)

Location: NO CITY PROVIDED

Agreement: 120513160001

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
PORTE-CLIPS 6 VOIES HYBRIDE 2.8-1.5 ETANCHE.

Description of Changes
Manufacturing location change. Following Part Numbers will be transferred from Outside Vendor to Outside Vendor. Molding tool of 1544937-1.

Reason for Changes:				
Dear Customer, we hereby inform you about a transfer of tools and/or processes. The transfer follows a strict procedure, which fully maintains quality, ability to supply and form-fit-function of the concerned products. The new manufacturing location operates under a certified quality management system in accordance with standard automotive requirements. A TE-internal release test based on the relevant part specifications will be executed before delivery. Upon request, a PPAP Level 2 will be available if it concerns a transfer of a tool which produces a finished TE-product. A PPAP Level 1 will be available if it concerns a component of a TE-product, where the production location of the finished TE-product remains unchanged. If you require such a PPAP, please notify the responsible TE Sales Contact within 14 calendar days after receipt of this PCN				
Estimated Dates:				
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>25-APR-2017</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		25-APR-2017
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):			
	25-APR-2017			

Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1544938-1	NO						



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: P-16-013863

PCN Date: 16-NOV-16

Customer: DISTRIBUTOR NA (66666661)

Location: NO CITY PROVIDED

Agreement: 120513180001

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
HVP800 2POS. 8MM HV REC HSG ASSY (X-2177053-X)

Description of Changes
Manufacturing location change. Following Part Numbers will be transferred from <TE Kurim> to <TE Suzhou>
Other attachments:
HVP800 2POS. 8MM HV REC HSG ASSY (X-2177053-X)

Reason for Changes:
Dear Customer, we hereby inform you about a transfer of tools and/or processes. The transfer follows a strict procedure, which fully maintains quality, ability to supply and form-fit-function of the concerned products. The new manufacturing location operates under a certified quality management system in accordance with standard automotive requirements. A TE-internal release test based on the relevant part specifications will be executed before delivery. Upon request, a PPAP Level 2 will be available if it concerns a transfer of a tool which produces a finished TE-product. A PPAP Level 1 will be available if it concerns a component of a TE-product, where the production location of the finished TE-product remains unchanged. If you require such a PPAP, please notify the responsible TE Sales Contact within 14 calendar days after receipt of this PCN

Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	21-NOV-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2177053-1	NO						
1-2177053-2	NO						
1-2177053-3	NO						
1-2177053-4	NO						

PN	Description	Production Location		Cavity Mark		Remark
		EMEA	CN	EMEA	CN	
1-2177053-1/2/3/4	2POS. 8MM HV REC HSG. 180DEG. ASSY	TE Kurim	TE Suzhou	NA	1.1~1.2	Ready in Nov 20th, 2016



TE Kurim: NA
TE Suzhou: 1.1~1.2



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: P-16-013872

PCN Date: 21-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Manufacturing Location Change of Menlo Park Appliances Tubing RNF-100 Products

Description of Changes
Manufacturing location change. Following Part Numbers will be transferred from Menlo Park,USA to Trutnov, CZ.
Other attachments:
US RNF-100 Packaging details.
US RNF-100 transfer PCN information.

Reason for Changes:
Reference previous notifications 2nd November 2015. PCN s P-15-012191, 012092, 012093, 012194, 012195 and 012196 This notification is to inform our customers that TE Connectivity is closing our Menlo Park facility in USA and moving the production to our Trutnov facility in Czech Republic and our Shanghai facility in China. Both receiving facilities are already established Heat Shrinkable Tubing (Tubing or Products) manufacturing sites with Trutnov facility manufacturing Tubing since 2008 and Shanghai facility - since 1996. See attached document.

Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	13-FEB-2017
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	13-FEB-2018

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
071275-000	NO			"3-1190535-5", "RNF-100-1/2-BK-FSP"			
142003-000	NO			"1-1191029-3", "RNF-100-3/4-BK-FSP"			
152125-000	NO			"5-1191099-6", "RNF-100-1-CL-FSP"			
292801-000	NO			"5-1192219-1", "RNF-100-1-BK-FSP"			
314363-000	NO			"5-1192379-2", "RNF-100-1/2-BU-FSP"			
391163-000	NO			"3-1192936-2", "RNF-100-NO.337-CL-STK"			
411221-000	NO			"3-1193101-5", "RNF-100-1/2-CL-FSP"			
4114612001	NO			"1-1193103-6", "RNF-100-NO.333-CL-STK"			
446253-000	NO			"1-1193354-2", "RNF-100-3/4-CL-FSP"			
5051514001	NO			"3-1193819-9", "RNF-100-NO.300-BK-SP"			

5052842057	NO			"3-1193821-9", "RNF-100-3/64-BK-STK"			
5052844058	NO			"RNF-100-3/64-BK-SP", "1642451-1"			
5052872029	NO			"7-1193822-5", "RNF-100-3/64-BU-STK"			
5052884046	NO			"RNF-100-3/64-WH-SP", "1832037-1"			
5052892107	NO			"5-1193823-3", "RNF-100-1/16-BK-STK"			
5052894108	NO			"RNF-100-1/16-BK-SP", "1642242-2"			
5052902037	NO			"7-1193824-4", "RNF-100-1/16-RD-STK"			
5052914034	NO			"3-1193825-0", "RNF-100-1/16-YO-SP"			
5052922037	NO			"6-1193825-8", "RNF-100-1/16-BU-STK"			
5052932105	NO			"1-1193826-7", "RNF-100-1/16-WH-STK"			
5052934106	NO			"2-1193826-7", "RNF-100-1/16-WH-SP"			
5052942218	NO			"1-1193827-7", "RNF-100-3/32-BK-STK"			
5052944219	NO			"RNF-100-3/32-BK-SP", "1642525-1"			
5052964055	NO			"7-1193829-3", "RNF-100-3/32-YO-SP"			
5052972050	NO			"1193831-1", "RNF-100-3/32-BU-STK"			

5052984151	NO			"6-1193831-9", "RNF-100-3/32-WH-SP"			
5052992172	NO			"1-1193833-7", "RNF-100-1/8-BK-STK"			
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			
5053004040	NO			"1-1193835-6", "RNF-100-1/8-RD-SP"			
5053014087	NO			"8-1193835-1", "RNF-100-1/8-YO-SP", "RNF-100-1/8-4"			
5053034137	NO			"5-1193837-2", "RNF-100-1/8-WH-SP"			
5053042176	NO			"8-1193838-6", "RNF-100-3/16-BK-STK"			
5053044177	NO			"RNF-100-3/16-BK-SP", "RNF-100-3/16-0", "1832174-1"			
5053052038	NO			"3-1193841-1", "RNF-100-3/16-RD-STK"			
5053054039	NO			"3-1193841-7", "RNF-100-3/16-RD-SP"			
5053072046	NO			"1-1193843-7", "RNF-100-3/16-BU-STK"			
5053074047	NO			"2-1193843-9", "RNF-100-3/16-BU-SP"			
5053084107	NO			"9-1193843-5", "RNF-100-3/16-WH-SP"			
5053092267	NO			"2-1193845-2", "RNF-100-1/4-BK-STK"			
5053094268	NO			"4-1193845-5", "RNF-100-1/4-BK-SP"			

5053102059	NO			"4-1193848-0", "RNF-100-1/4-RD-STK"			
5053104060	NO			"4-1193848-9", "RNF-100-1/4-RD-SP", "RNF-100-1/4-2"			
5053112154	NO			"3-1193849-5", "RNF-100-1/4-YO-STK"			
5053114155	NO			"4-1193849-3", "RNF-100-1/4-YO-SP", "RNF-100-1/4-4"			
5053122053	NO			"7-1193850-3", "RNF-100-1/4-BU-STK"			
5053132120	NO			"5-1193851-9", "RNF-100-1/4-WH-STK"			
5053134121	NO			"7-1193851-1", "RNF-100-1/4-WH-SP"			
5053142385	NO			"2-1193853-6", "RNF-100-3/8-BK-STK"			
5053144386	NO			"4-1193853-5", "RNF-100-3/8-BK-SP", "RNF-100-3/8-0"			
5053172050	NO			"1-1193860-9", "RNF-100-3/8-BU-STK"			
5053184075	NO			"1193861-2", "RNF-100-3/8-WH-SP"			
5053192266	NO			"1-1193862-2", "RNF-100-1/2-BK-STK"			
5053194267	NO			"3-1193862-4", "RNF-100-1/2-BK-SP", "RNF-100-1/2-0"			
5053202040	NO			"3-1193865-0", "RNF-100-1/2-RD-STK"			
5053212154	NO			"8-1193865-9", "RNF-100-1/2-YO-STK"			

5053222056	NO			"4-1193867-3", "RNF-100-1/2-BU-STK"			
5053232077	NO			"1193868-6", "RNF-100-1/2-WH-STK"			
5053234078	NO			"1-1193868-4", "RNF-100-1/2-WH-SP"			
5053242179	NO			"1-1193869-9", "RNF-100-3/4-BK-STK"			
5053244180	NO			"4-1193869-0", "RNF-100-3/4-BK-SP", "RNF-100-3/4-OSP"			
5053252050	NO			"8-1193871-6", "RNF-100-3/4-RD-STK"			
5053262136	NO			"5-1193872-8", "RNF-100-3/4-YO-STK"			
5053272062	NO			"3-1193874-4", "RNF-100-3/4-BU-STK"			
5053282198	NO			"1193875-3", "RNF-100-3/4-WH-STK"			
5053284199	NO			"1-1193875-4", "RNF-100-3/4-WH-SP"			
5053292160	NO			"3-1193876-7", "RNF-100-1-BK-STK"			
5053322031	NO			"4-1193880-7", "RNF-100-1-BU-STK"			
5053332136	NO			"9-1193880-0", "RNF-100-1-WH-STK"			
5053342101	NO			"2-1193882-6", "RNF-100-1-1/2-BK-STK"			
5053344102	NO			"4-1193882-5", "RNF-100-1-1/2-BK-SP"			

5053382054	NO			"2-1193885-7", "RNF-100-1-1/2-WH-STK"			
5053384055	NO			"3-1193885-3", "RNF-100-1-1/2-WH-SP"			
5053392064	NO			"7-1193885-6", "RNF-100-2-BK-STK"			
5053394065	NO			"8-1193885-6", "RNF-100-2-BK-SP"			
5053402020	NO			"4-1193886-5", "RNF-100-2-RD-STK"			
5053412043	NO			"6-1193886-9", "RNF-100-2-YO-STK"			
5053422019	NO			"1193887-1", "RNF-100-2-BU-STK"			
5053432036	NO			"2-1193887-4", "RNF-100-2-WH-STK"			
5053434037	NO			"3-1193887-0", "RNF-100-2-WH-SP"			
5053442033	NO			"5-1193887-7", "RNF-100-3-BK-STK"			
5053444034	NO			"6-1193887-4", "RNF-100-3-BK-SP"			
5053482021	NO			"7-1193888-8", "RNF-100-3-WH-STK"			
5053492029	NO			"1-1193889-0", "RNF-100-4-BK-STK"			
5053494030	NO			"1-1193889-6", "RNF-100-4-BK-SP"			
5053942010	NO			"7-1193891-5", "RNF-100-3/64-BN-STK"			

5053982024	NO			"1-1193892-1", "RNF-100-1/16-BN-STK"			
5054412028	NO			"4-1193898-4", "RNF-100-1/4-GN-STK"			
5054442026	NO			"7-1193899-6", "RNF-100-3/4-GN-STK"			
5054552026	NO			"5-1193900-3", "RNF-100-1/2-GN-STK"			
5056844010	NO			"9-1193902-5", "RNF-100-1-1/4-BK-SP"			
5057304009	NO			"7-1193903-5", "RNF-100-5-BK-SP"			
5058604001	NO			"2-1193905-3", "RNF-100-1-1/4-BU-SP"			
5070012033	NO			"7-1193958-3", "RNF-100-3/64-CL-STK"			
5070014034	NO			"RNF-100-3/64-CL-SP", "1642707-1"			
5070022040	NO			"2-1193959-4", "RNF-100-1/16-CL-STK"			
5070024041	NO			"3-1193959-4", "RNF-100-1/16-CL-SP"			
5070032071	NO			"1193960-3", "RNF-100-3/32-CL-STK"			
5070034072	NO			"1-1193960-3", "RNF-100-3/32-CL-SP"			
5070042082	NO			"RNF-100-1/8-CL-STK", "1642972-1"			
5070044083	NO			"1193961-7", "RNF-100-1/8-CL-SP"			

5070052056	NO			"1-1193962-3", "RNF-100-3/16-CL-STK"			
5070054057	NO			"RNF-100-3/16-CL-SP", "1832014-1"			
5070062068	NO			"1-1193963-3", "RNF-100-1/4-CL-STK", "RNF-100-1/4-CL-STK"			
5070064069	NO			"2-1193963-6", "RNF-100-1/4-CL-SP"			
5070072080	NO			"1-1193964-8", "RNF-100-3/8-CL-STK", "RNF-100-3/8-CL-STK"			
5070074081	NO			"2-1193964-9", "RNF-100-3/8-CL-SP"			
5070082131	NO			"2-1193965-3", "RNF-100-1/2-CL-STK"			
5070084132	NO			"3-1193965-6", "RNF-100-1/2-CL-SP", "RNF-100-1/2-X"			
5070104071	NO			"9-1193967-0", "RNF-100-1-CL-SP", "RNF-100-1-X"			
5070114069	NO			"8-1193968-0", "RNF-100-1-1/2-CL-SP"			
5070124025	NO			"6-1193969-8", "RNF-100-2-CL-SP"			
5072014003	NO			"1193972-1", "RNF-100-1-1/4-CL-SP"			
540963-000	NO			"7-1194242-7", "RNF-100-3/8-BK-FSP"			
643267-000	NO			"6-1195082-8", "RNF-100-1/2-WH-FSP"			
756061-000	NO			"4-1195892-8", "RNF-100-1-BU-FSP"			

769283-000	NO			"4-1195994-9", "RNF-100-3/8-WH-FSP"			
911779-000	NO			"2-1197081-1", "RNF-100-3/8-CL-FSP"			
969117-000	NO			"5-1197492-9", "RNF-100-1/16-WH-STKCS5551"			
969515-000	NO			"4-1197495-3", "RNF-100-1-WH-FSP"			
A66551-000	NO			"1200741-5", "RNF-100-MINI-SPL-1/16-BK"			
A81736-000	NO			"1-1200741-3", "RNF-100-MINI-SPL-1/2-BK"			
CA8788-000	NO			"RNF-100-3/8-BK-1IN"			
CP2013-000	NO						
D00409-000	NO			"1200741-9", "RNF-100-MINI-SPL-3/64-BK"			
D12330-000	NO			"1-1200741-5", "RNF-100-MINI-SPL-3/8-BK"			
D42391-000	NO			"4-1200741-7", "RNF-100-MINI-SPL-3/32-BK"			
E40866-000	NO			"7-1200741-1", "RNF-100-MINI-SPL-3/4-BK"			
E62131-000	NO			"7-1200741-9", "RNF-100-MINI-SPL-1-BK"			
E77288-000	NO			"8-1200741-3", "RNF-100-MINI-SPL-3/16-BK"			
EK2003-000	NO						
EK2384-000	NO						
F56629-000	NO			"9-1200740-7", "RNF-100-MINI-SPL-1/8-BK"			

F75818-000	NO			"1200741-2", "RNF-100-MINI-SPL-1/4-BK"			
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Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
071275-000	NO			"3-1190535-5", "RNF-100-1/2-BK-FSP"			
142003-000	NO			"1-1191029-3", "RNF-100-3/4-BK-FSP"			
152125-000	NO			"5-1191099-6", "RNF-100-1-CL-FSP"			
292801-000	NO			"5-1192219-1", "RNF-100-1-BK-FSP"			
314363-000	NO			"5-1192379-2", "RNF-100-1/2-BU-FSP"			
411221-000	NO			"3-1193101-5", "RNF-100-1/2-CL-FSP"			
446253-000	NO			"1-1193354-2", "RNF-100-3/4-CL-FSP"			
5052842057	NO			"3-1193821-9", "RNF-100-3/64-BK-STK"			
5052884046	NO			"RNF-100-3/64-WH-SP", "1832037-1"			
5052892107	NO			"5-1193823-3", "RNF-100-1/16-BK-STK"			

5052894108	NO			"RNF-100-1/16-BK-SP", "1642242-2"			
5052914034	NO			"3-1193825-0", "RNF-100-1/16-YO-SP"			
5052932105	NO			"1-1193826-7", "RNF-100-1/16-WH-STK"			
5052934106	NO			"2-1193826-7", "RNF-100-1/16-WH-SP"			
5052942218	NO			"1-1193827-7", "RNF-100-3/32-BK-STK"			
5052944219	NO			"RNF-100-3/32-BK-SP", "1642525-1"			
5052984151	NO			"6-1193831-9", "RNF-100-3/32-WH-SP"			
5052992172	NO			"1-1193833-7", "RNF-100-1/8-BK-STK"			
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			
5053004040	NO			"1-1193835-6", "RNF-100-1/8-RD-SP"			
5053014087	NO			"8-1193835-1", "RNF-100-1/8-YO-SP", "RNF-100-1/8-4"			
5053034137	NO			"5-1193837-2", "RNF-100-1/8-WH-SP"			
5053042176	NO			"8-1193838-6", "RNF-100-3/16-BK-STK"			
5053044177	NO			"RNF-100-3/16-BK-SP", "RNF-100-3/16-0", "1832174-1"			
5053054039	NO			"3-1193841-7", "RNF-100-3/16-RD-SP"			

5053072046	NO			"1-1193843-7", "RNF-100-3/16-BU-STK"			
5053074047	NO			"2-1193843-9", "RNF-100-3/16-BU-SP"			
5053084107	NO			"9-1193843-5", "RNF-100-3/16-WH-SP"			
5053092267	NO			"2-1193845-2", "RNF-100-1/4-BK-STK"			
5053094268	NO			"4-1193845-5", "RNF-100-1/4-BK-SP"			
5053104060	NO			"4-1193848-9", "RNF-100-1/4-RD-SP", "RNF-100-1/4-2"			
5053112154	NO			"3-1193849-5", "RNF-100-1/4-YO-STK"			
5053114155	NO			"4-1193849-3", "RNF-100-1/4-YO-SP", "RNF-100-1/4-4"			
5053142385	NO			"2-1193853-6", "RNF-100-3/8-BK-STK"			
5053144386	NO			"4-1193853-5", "RNF-100-3/8-BK-SP", "RNF-100-3/8-0"			
5053192266	NO			"1-1193862-2", "RNF-100-1/2-BK-STK"			
5053194267	NO			"3-1193862-4", "RNF-100-1/2-BK-SP", "RNF-100-1/2-0"			
5053222056	NO			"4-1193867-3", "RNF-100-1/2-BU-STK"			
5053242179	NO			"1-1193869-9", "RNF-100-3/4-BK-STK"			
5053244180	NO			"4-1193869-0", "RNF-100-3/4-BK-SP", "RNF-100-3/4-0SP"			

5053292160	NO			"3-1193876-7", "RNF-100-1-BK-STK"			
5053342101	NO			"2-1193882-6", "RNF-100-1-1/2-BK-STK"			
5053344102	NO			"4-1193882-5", "RNF-100-1-1/2-BK-SP"			
5053384055	NO			"3-1193885-3", "RNF-100-1-1/2-WH-SP"			
5053392064	NO			"7-1193885-6", "RNF-100-2-BK-STK"			
5053394065	NO			"8-1193885-6", "RNF-100-2-BK-SP"			
5053402020	NO			"4-1193886-5", "RNF-100-2-RD-STK"			
5053412043	NO			"6-1193886-9", "RNF-100-2-YO-STK"			
5053422019	NO			"1193887-1", "RNF-100-2-BU-STK"			
5053434037	NO			"3-1193887-0", "RNF-100-2-WH-SP"			
5053442033	NO			"5-1193887-7", "RNF-100-3-BK-STK"			
5053482021	NO			"7-1193888-8", "RNF-100-3-WH-STK"			
5053492029	NO			"1-1193889-0", "RNF-100-4-BK-STK"			
5053494030	NO			"1-1193889-6", "RNF-100-4-BK-SP"			
5056844010	NO			"9-1193902-5", "RNF-100-1-1/4-BK-SP"			
5057304009	NO			"7-1193903-5", "RNF-100-5-BK-			

				SP"			
5058604001	NO			"2-1193905-3", "RNF-100-1-1/4-BU-SP"			
5070012033	NO			"7-1193958-3", "RNF-100-3/64-CL-STK"			
5070014034	NO			"RNF-100-3/64-CL-SP", "1642707-1"			
5070022040	NO			"2-1193959-4", "RNF-100-1/16-CL-STK"			
5070024041	NO			"3-1193959-4", "RNF-100-1/16-CL-SP"			
5070032071	NO			"1193960-3", "RNF-100-3/32-CL-STK"			
5070034072	NO			"1-1193960-3", "RNF-100-3/32-CL-SP"			
5070042082	NO			"RNF-100-1/8-CL-STK", "1642972-1"			
5070044083	NO			"1193961-7", "RNF-100-1/8-CL-SP"			
5070052056	NO			"1-1193962-3", "RNF-100-3/16-CL-STK"			
5070054057	NO			"RNF-100-3/16-CL-SP", "1832014-1"			
5070062068	NO			"1-1193963-3", "RNF-100-1/4-CL-STK", "RNF-100-1/4-CL-STK"			
5070064069	NO			"2-1193963-6", "RNF-100-1/4-CL-SP"			
5070074081	NO			"2-1193964-9", "RNF-100-3/8-CL-SP"			
5070082131	NO			"2-1193965-3", "RNF-100-1/2-CL-			

				STK"			
5070084132	NO			"3-1193965-6", "RNF-100-1/2-CL-SP", "RNF-100-1/2-X"			
5070104071	NO			"9-1193967-0", "RNF-100-1-CL-SP", "RNF-100-1-X"			
5070114069	NO			"8-1193968-0", "RNF-100-1-1/2-CL-SP"			
5070124025	NO			"6-1193969-8", "RNF-100-2-CL-SP"			
5072014003	NO			"1193972-1", "RNF-100-1-1/4-CL-SP"			
540963-000	NO			"7-1194242-7", "RNF-100-3/8-BK-FSP"			
756061-000	NO			"4-1195892-8", "RNF-100-1-BU-FSP"			
911779-000	NO			"2-1197081-1", "RNF-100-3/8-CL-FSP"			
969117-000	NO			"5-1197492-9", "RNF-100-1/16-WH-STKCS5551"			
969515-000	NO			"4-1197495-3", "RNF-100-1-WH-FSP"			
CA8788-000	NO			"RNF-100-3/8-BK-1IN"			
EK2003-000	NO						
EK2384-000	NO						
F75818-000	NO			"1200741-2", "RNF-100-MINI-SPL-1/4-BK"			

Customer: TTI (OR)(2922319)

Location: Beaverton

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5053444034	NO			"6-1193887-4", "RNF-100-3-BK-SP"			

Customer: Shanghai TTI Electronics Co Ltd(1405773)

Location: Shanghai

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			

Customer: TTI Electronics Asia Pte Ltd.(1407161)

Location: Kowloon Bay

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
071275-000	NO			"3-1190535-5", "RNF-100-1/2-BK-FSP"			

Customer: TTI Inc(2752328)

Location: Fremont

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5052894108	NO			"RNF-100-1/16-BK-SP", "1642242-2"			
540963-000	NO			"7-1194242-7", "RNF-100-3/8-BK-FSP"			

Customer: TTI (CT)(2922317)

Location: Wallingford

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5053084107	NO			"9-1193843-5", "RNF-100-3/16-WH-SP"			

Customer: TTI Inc(3126192)

Location: San Diego

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5053444034	NO			"6-1193887-4", "RNF-100-3-BK-SP"			

Customer: Net - Aye Technologies Ltd(2919029)

Location: Hod Hashron

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5053052038	NO			"3-1193841-1", "RNF-100-3/16-RD-STK"			
5053132120	NO			"5-1193851-9", "RNF-100-1/4-WH-STK"			
5053192266	NO			"1-1193862-2", "RNF-100-1/2-BK-STK"			
5053232077	NO			"1193868-6", "RNF-100-1/2-WH-STK"			
5053282198	NO			"1193875-3", "RNF-100-3/4-WH-STK"			
5053332136	NO			"9-1193880-0", "RNF-100-1-WH-STK"			
5070012033	NO			"7-1193958-3", "RNF-100-3/64-CL-STK"			
5070052056	NO			"1-1193962-3", "RNF-100-3/16-CL-STK"			
5070062068	NO			"1-1193963-3", "RNF-100-1/4-CL-STK", "RNF-100-1/4-CL-STK"			

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
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071275-000	NO			"3-1190535-5", "RNF-100-1/2-BK-FSP"			
142003-000	NO			"1-1191029-3", "RNF-100-3/4-BK-FSP"			
152125-000	NO			"5-1191099-6", "RNF-100-1-CL-FSP"			
292801-000	NO			"5-1192219-1", "RNF-100-1-BK-FSP"			
314363-000	NO			"5-1192379-2", "RNF-100-1/2-BU-FSP"			
391163-000	NO			"3-1192936-2", "RNF-100-NO.337-CL-STK"			
411221-000	NO			"3-1193101-5", "RNF-100-1/2-CL-FSP"			
4114612001	NO			"1-1193103-6", "RNF-100-NO.333-CL-STK"			
446253-000	NO			"1-1193354-2", "RNF-100-3/4-CL-FSP"			
5051514001	NO			"3-1193819-9", "RNF-100-NO.300-BK-SP"			
5052842057	NO			"3-1193821-9", "RNF-100-3/64-BK-STK"			
5052844058	NO			"RNF-100-3/64-BK-SP", "1642451-1"			
5052872029	NO			"7-1193822-5", "RNF-100-3/64-BU-STK"			
5052884046	NO			"RNF-100-3/64-WH-SP", "1832037-1"			
5052892107	NO			"5-1193823-3", "RNF-100-1/16-BK-STK"			

5052894108	NO			"RNF-100-1/16-BK-SP", "1642242-2"			
5052902037	NO			"7-1193824-4", "RNF-100-1/16-RD-STK"			
5052914034	NO			"3-1193825-0", "RNF-100-1/16-YO-SP"			
5052922037	NO			"6-1193825-8", "RNF-100-1/16-BU-STK"			
5052932105	NO			"1-1193826-7", "RNF-100-1/16-WH-STK"			
5052934106	NO			"2-1193826-7", "RNF-100-1/16-WH-SP"			
5052942218	NO			"1-1193827-7", "RNF-100-3/32-BK-STK"			
5052944219	NO			"RNF-100-3/32-BK-SP", "1642525-1"			
5052964055	NO			"7-1193829-3", "RNF-100-3/32-YO-SP"			
5052972050	NO			"1193831-1", "RNF-100-3/32-BU-STK"			
5052984151	NO			"6-1193831-9", "RNF-100-3/32-WH-SP"			
5052992172	NO			"1-1193833-7", "RNF-100-1/8-BK-STK"			
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			
5053004040	NO			"1-1193835-6", "RNF-100-1/8-RD-SP"			
5053014087	NO			"8-1193835-1", "RNF-100-1/8-YO-SP", "RNF-100-1/8-4"			

5053034137	NO			"5-1193837-2", "RNF-100-1/8-WH-SP"			
5053042176	NO			"8-1193838-6", "RNF-100-3/16-BK-STK"			
5053044177	NO			"RNF-100-3/16-BK-SP", "RNF-100-3/16-0", "1832174-1"			
5053054039	NO			"3-1193841-7", "RNF-100-3/16-RD-SP"			
5053072046	NO			"1-1193843-7", "RNF-100-3/16-BU-STK"			
5053084107	NO			"9-1193843-5", "RNF-100-3/16-WH-SP"			
5053092267	NO			"2-1193845-2", "RNF-100-1/4-BK-STK"			
5053094268	NO			"4-1193845-5", "RNF-100-1/4-BK-SP"			
5053102059	NO			"4-1193848-0", "RNF-100-1/4-RD-STK"			
5053104060	NO			"4-1193848-9", "RNF-100-1/4-RD-SP", "RNF-100-1/4-2"			
5053112154	NO			"3-1193849-5", "RNF-100-1/4-YO-STK"			
5053114155	NO			"4-1193849-3", "RNF-100-1/4-YO-SP", "RNF-100-1/4-4"			
5053122053	NO			"7-1193850-3", "RNF-100-1/4-BU-STK"			
5053134121	NO			"7-1193851-1", "RNF-100-1/4-WH-SP"			
5053142385	NO			"2-1193853-6", "RNF-100-3/8-BK-STK"			

5053144386	NO			"4-1193853-5", "RNF-100-3/8-BK-SP", "RNF-100-3/8-0"			
5053172050	NO			"1-1193860-9", "RNF-100-3/8-BU-STK"			
5053184075	NO			"1193861-2", "RNF-100-3/8-WH-SP"			
5053192266	NO			"1-1193862-2", "RNF-100-1/2-BK-STK"			
5053194267	NO			"3-1193862-4", "RNF-100-1/2-BK-SP", "RNF-100-1/2-0"			
5053202040	NO			"3-1193865-0", "RNF-100-1/2-RD-STK"			
5053212154	NO			"8-1193865-9", "RNF-100-1/2-YO-STK"			
5053222056	NO			"4-1193867-3", "RNF-100-1/2-BU-STK"			
5053234078	NO			"1-1193868-4", "RNF-100-1/2-WH-SP"			
5053242179	NO			"1-1193869-9", "RNF-100-3/4-BK-STK"			
5053244180	NO			"4-1193869-0", "RNF-100-3/4-BK-SP", "RNF-100-3/4-OSP"			
5053252050	NO			"8-1193871-6", "RNF-100-3/4-RD-STK"			
5053262136	NO			"5-1193872-8", "RNF-100-3/4-YO-STK"			
5053272062	NO			"3-1193874-4", "RNF-100-3/4-BU-STK"			
5053282198	NO			"1193875-3", "RNF-100-3/4-WH-STK"			

5053284199	NO			"1-1193875-4", "RNF-100-3/4-WH-SP"			
5053292160	NO			"3-1193876-7", "RNF-100-1-BK-STK"			
5053322031	NO			"4-1193880-7", "RNF-100-1-BU-STK"			
5053332136	NO			"9-1193880-0", "RNF-100-1-WH-STK"			
5053342101	NO			"2-1193882-6", "RNF-100-1-1/2-BK-STK"			
5053344102	NO			"4-1193882-5", "RNF-100-1-1/2-BK-SP"			
5053382054	NO			"2-1193885-7", "RNF-100-1-1/2-WH-STK"			
5053384055	NO			"3-1193885-3", "RNF-100-1-1/2-WH-SP"			
5053392064	NO			"7-1193885-6", "RNF-100-2-BK-STK"			
5053394065	NO			"8-1193885-6", "RNF-100-2-BK-SP"			
5053402020	NO			"4-1193886-5", "RNF-100-2-RD-STK"			
5053412043	NO			"6-1193886-9", "RNF-100-2-YO-STK"			
5053422019	NO			"1193887-1", "RNF-100-2-BU-STK"			
5053432036	NO			"2-1193887-4", "RNF-100-2-WH-STK"			
5053434037	NO			"3-1193887-0", "RNF-100-2-WH-SP"			
5053442033	NO			"5-1193887-7", "RNF-100-3-BK-			

				STK"			
5053482021	NO			"7-1193888-8", "RNF-100-3-WH-STK"			
5053492029	NO			"1-1193889-0", "RNF-100-4-BK-STK"			
5053494030	NO			"1-1193889-6", "RNF-100-4-BK-SP"			
5053942010	NO			"7-1193891-5", "RNF-100-3/64-BN-STK"			
5053982024	NO			"1-1193892-1", "RNF-100-1/16-BN-STK"			
5054412028	NO			"4-1193898-4", "RNF-100-1/4-GN-STK"			
5054442026	NO			"7-1193899-6", "RNF-100-3/4-GN-STK"			
5054552026	NO			"5-1193900-3", "RNF-100-1/2-GN-STK"			
5056844010	NO			"9-1193902-5", "RNF-100-1-1/4-BK-SP"			
5057304009	NO			"7-1193903-5", "RNF-100-5-BK-SP"			
5058604001	NO			"2-1193905-3", "RNF-100-1-1/4-BU-SP"			
5070012033	NO			"7-1193958-3", "RNF-100-3/64-CL-STK"			
5070014034	NO			"RNF-100-3/64-CL-SP", "1642707-1"			
5070022040	NO			"2-1193959-4", "RNF-100-1/16-CL-STK"			
5070024041	NO			"3-1193959-4", "RNF-100-1/16-			

				CL-SP"			
5070032071	NO			"1193960-3", "RNF-100-3/32-CL-STK"			
5070034072	NO			"1-1193960-3", "RNF-100-3/32-CL-SP"			
5070042082	NO			"RNF-100-1/8-CL-STK", "1642972-1"			
5070044083	NO			"1193961-7", "RNF-100-1/8-CL-SP"			
5070052056	NO			"1-1193962-3", "RNF-100-3/16-CL-STK"			
5070054057	NO			"RNF-100-3/16-CL-SP", "1832014-1"			
5070062068	NO			"1-1193963-3", "RNF-100-1/4-CL-STK", "RNF-100-1/4-CL-STK"			
5070064069	NO			"2-1193963-6", "RNF-100-1/4-CL-SP"			
5070072080	NO			"1-1193964-8", "RNF-100-3/8-CL-STK", "RNF-100-3/8-CL-STK"			
5070074081	NO			"2-1193964-9", "RNF-100-3/8-CL-SP"			
5070082131	NO			"2-1193965-3", "RNF-100-1/2-CL-STK"			
5070084132	NO			"3-1193965-6", "RNF-100-1/2-CL-SP", "RNF-100-1/2-X"			
5070104071	NO			"9-1193967-0", "RNF-100-1-CL-SP", "RNF-100-1-X"			
5070114069	NO			"8-1193968-0", "RNF-100-1-1/2-CL-SP"			
5070124025	NO			"6-1193969-8", "RNF-100-2-CL-			

				SP"			
5072014003	NO			"1193972-1", "RNF-100-1-1/4-CL-SP"			
540963-000	NO			"7-1194242-7", "RNF-100-3/8-BK-FSP"			
643267-000	NO			"6-1195082-8", "RNF-100-1/2-WH-FSP"			
756061-000	NO			"4-1195892-8", "RNF-100-1-BU-FSP"			
769283-000	NO			"4-1195994-9", "RNF-100-3/8-WH-FSP"			
911779-000	NO			"2-1197081-1", "RNF-100-3/8-CL-FSP"			
969117-000	NO			"5-1197492-9", "RNF-100-1/16-WH-STKCS5551"			
969515-000	NO			"4-1197495-3", "RNF-100-1-WH-FSP"			
A66551-000	NO			"1200741-5", "RNF-100-MINI-SPL-1/16-BK"			
A81736-000	NO			"1-1200741-3", "RNF-100-MINI-SPL-1/2-BK"			
CA8788-000	NO			"RNF-100-3/8-BK-1IN"			
CP2013-000	NO						
D00409-000	NO			"1200741-9", "RNF-100-MINI-SPL-3/64-BK"			
D12330-000	NO			"1-1200741-5", "RNF-100-MINI-SPL-3/8-BK"			
D42391-000	NO			"4-1200741-7", "RNF-100-MINI-SPL-3/32-BK"			
E40866-000	NO			"7-1200741-1", "RNF-100-MINI-			

				SPL-3/4-BK"			
E62131-000	NO			"7-1200741-9", "RNF-100-MINI-SPL-1-BK"			
E77288-000	NO			"8-1200741-3", "RNF-100-MINI-SPL-3/16-BK"			
EK2003-000	NO						
EK2384-000	NO						
F56629-000	NO			"9-1200740-7", "RNF-100-MINI-SPL-1/8-BK"			
F75818-000	NO			"1200741-2", "RNF-100-MINI-SPL-1/4-BK"			

Customer: TTI Inc(2922318)

Location: Tustin

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5052944219	NO			"RNF-100-3/32-BK-SP", "1642525-1"			
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			

Customer: TTI Electronics Asia Pte Ltd.(2771300)

Location: Singapore

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
071275-000	NO			"3-1190535-5", "RNF-100-1/2-BK-FSP"			
F75818-000	NO			"1200741-2", "RNF-100-MINI-SPL-1/4-BK"			

Customer: Shanghai TTI EElectronics Co Ltd(3064990)

Location: Shanghai

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5052994173	NO			"3-1193833-0", "RNF-100-1/8-BK-SP", "RNF-100-1/8-0"			



Type of Notification	Manufacturing Location Change of Menlo Park Appliances Tubing – RNF-100 Products
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Issue Date	Notification No.
21 st November , 2016	XX-XXX

Description of Change
Reference previous notifications 2nd November 2015. PCN's P-15-012191, 012092, 012093, 012194, 012195 and 012196 This notification is to inform our customers that TE Connectivity is closing our Menlo Park facility in USA and moving the production to our Trutnov facility in Czech Republic and our Shanghai facility in China. Both receiving facilities are already established Heat Shrinkable Tubing ("Tubing" or "Products") manufacturing sites with Trutnov facility manufacturing Tubing since 2008 and Shanghai facility - since 1996. As part of the production move, we will start to ship RNF-100 products on 13th Feb 2017 from the Trutnov facility and Shanghai facility. After this date TE reserves the right to provide qualified products from any of the manufacturing locations during this transfer until the final closure date of Menlo Park location by the end of 2019. As not all part numbers will transfer at the same time customers may still receive Products from the Menlo Park location after this transfer date due to inventory we will carry to allow this transfer to happen and to minimize impact to our tubing customers. Where necessary TE will continue with internal qualification and testing of products after they are received at the new locations. The part number list attached shows you the RNF-100 products that are affected. RNF-100 parts are already qualified and previously notified for manufacture in our Shanghai plant. If you require a PPAP or specific testing please inform us within 90 days of receiving this notification so we can coordinate the documentation and support your requirements. This should be requested from your local customer care representative. Should samples be required a limited range of product is available based on the products used for qualification purposes, please base your sample request around these parts (see attached spread sheet for part availability). After this 90 day period we will begin the transfer. TE will take 'no reply' as customers being satisfied with the TE internal qualification and testing. The release specifications for these products have not changed and part numbers for the spooled products and cut pieces remain the same. In some cases it has been necessary to update the product packaging. Please see the attached spread sheet for product packaging details. For Made to Order (MTO) parts Lead times will be adjusted to reflect the change in distance from the manufacturing location (for USA customer MTO lead times will increase). If special lead times are required please contact your customer care representative. For any questions or concerns please contact your Customer Care Professional.



Product Change Notification

John Sandwell	Global Director Product Management
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Tyco Electronics Corporate Part Nbr	Part Description	UOM type	Menlo Box dimensions LxWxH mm	Trutnov Box dimensions LxWxH mm	Trutnov Box Length mm	Trutnov Box Width mm	Trutnov Box Height mm
1-603326-1	FP21 HST 1/4" X 4" BLACK	PC	254x127x1270	175x175x1270	175	175	1270
1-603329-1	FP21 HST, 3/4"X 48" BLACK	PC	254x254x1270	254x254x1270	254	254	1270
EF5737-000	INSL-23965-RNF-100-TW-1/8-CL-SP	FT	490x490x210	490x490x210	490	490	210
EJ2978-000	RNF-100-0.112-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
CS6003-000	RNF-100-0.543-BK-SP	FT	490x490x210	490x490x210	490	490	210
CY0589-000	RNF-100-0.874-PGY-SP	FT	490x490x210	490x490x210	490	490	210
C28850-000	RNF-100-090/105-WH-CSP	FT	490x490x210	490x490x210	490	490	210
D95475-000	RNF-100-092/078-CL-SP	FT		490x490x95	490	490	95
073906-000	RNF-100-1.1MM-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
107637-000	RNF-100-1.3MM-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
332803-000	RNF-100-1.5MM-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
CM9611-000	RNF-100-1/16-BK-110MM	PC		580X380X275	580	380	275
CS4132-000	RNF-100-1/16-BK-30MM	PC		280X180X135	280	180	135
CM9610-000	RNF-100-1/16-BK-45MM	PC		380x280x135	380	280	135
EK4553-000	RNF-100-1/16-BK-50MM	pc		380x280x136	380	280	135
CS4133-000	RNF-100-1/16-BK-80MM	PC		580X380X275	580	380	275
5052894108	RNF-100-1/16-BK-SP	FT	490x490x210	490x490x210	490	490	210
505289M105	RNF-100-1/16-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
A95339-000	RNF-100-1/16-BK-SP-CS7210	FT	490x490x210	490x490x210	490	490	210
D22255-000	RNF-100-1/16-BK-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
505289J103	RNF-100-1/16-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5052892107	RNF-100-1/16-BK-STK	FT	127x127x1270	127x127x1270	127	127	1270
539127N001	RNF-100-1/16-BKSTK-CS5318	FT	127x127x1270	127x127x1270	127	127	1270
505289L146	RNF-100-1/16-BKSTK-CS7224	FT	127x127x1270	127x127x1270	127	127	1270
5053984025	RNF-100-1/16-BN-SP	FT	490x490x210	490x490x210	490	490	210
494900-000	RNF-100-1/16-BN-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5053982024	RNF-100-1/16-BN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052924038	RNF-100-1/16-BU-SP	FT	490x490x210	490x490x210	490	490	210
5052922037	RNF-100-1/16-BU-STK	FT	127x127x1270	127x127x1270	127	127	1270

5070024041	RNF-100-1/16-CL-SP	FT	490x490x210	490x490x210	490	490	210
507002M045	RNF-100-1/16-CL-SP-CS5868	FT	490x490x210	490x490x210	490	490	210
5070022040	RNF-100-1/16-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
507002L038	RNF-100-1/16-CL-STKCS6128	FT	127x127x1270	127x127x1270	127	127	1270
5054534025	RNF-100-1/16-GN-SP	FT	490x490x210	490x490x210	490	490	210
5054532024	RNF-100-1/16-GN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054014021	RNF-100-1/16-GY-SP	FT	490x490x210	490x490x210	490	490	210
5053994016	RNF-100-1/16-OR-SP	FT	490x490x210	490x490x210	490	490	210
5053992015	RNF-100-1/16-OR-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052904038	RNF-100-1/16-RD-SP	FT	490x490x210	490x490x210	490	490	210
5052902037	RNF-100-1/16-RD-STK	FT	127x127x1270	127x127x1270	127	127	1270
505290L035	RNF-100-1/16-RD-STKCS5529	FT	127x127x1270	127x127x1270	127	127	1270
5054004026	RNF-100-1/16-VT-SP	FT	490x490x210	490x490x210	490	490	210
5054002025	RNF-100-1/16-VT-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052934106	RNF-100-1/16-WH-SP	FT	490x490x210	490x490x210	490	490	210
5052934161	RNF-100-1/16-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505293M103	RNF-100-1/16-WH-SP-CS7375	FT	490x490x210	490x490x210	490	490	210
5052932105	RNF-100-1/16-WH-STK	FT	127x127x1270	127x127x1270	127	127	1270
CP9849-000	RNF-100-1/16-WH-STK-CS5321	FT	127x127x1270	127x127x1270	127	127	1270
505293L102	RNF-100-1/16-WH-STKCS5529	FT	127x127x1270	127x127x1270	127	127	1270
969117-000	RNF-100-1/16-WH-STKCS5551	FT	127x127x1270	127x127x1270	127	127	1270
5052914034	RNF-100-1/16-YO-SP	FT	490x490x210	490x490x210	490	490	210
5052912033	RNF-100-1/16-YO-STK	FT	127x127x1270	127x127x1270	127	127	1270
505319P416	RNF-100-1/2-A1-BK-120MM	PC		580X380X275	580	380	275
505319P402	RNF-100-1/2-A1-BK-40MM	PC		580X380X275	580	380	275
CM5922-000	RNF-100-1/2-A1-BK-55MM	PC		580X380X275	580	380	275
505320P077	RNF-100-1/2-A1-RD-30MM	PC		580X380X275	580	380	275
CF4690-000	RNF-100-1/2-BK-1.5IN	PC		580X380X275	580	380	275
CM6968-000	RNF-100-1/2-BK-150MM	PC		580X380X275	580	380	275
964131-000	RNF-100-1/2-BK-20.25IN	PC		580X380X275	580	380	275
5053196354	RNF-100-1/2-BK-2IN	PC		580X380X275	580	380	275
505319P406	RNF-100-1/2-BK-30MM	PC		580X380X275	580	380	275
CN5310-000	RNF-100-1/2-BK-33MM	PC		580X380X275	580	380	275

F99253-000	RNF-100-1/2-BK-3IN	PC		580X380X275	580	380	275
CB1869-000	RNF-100-1/2-BK-4.5IN	PC		580X380X275	580	380	275
D15033-000	RNF-100-1/2-BK-490MM	PC		594x394x372	594	394	372
CN5516-000	RNF-100-1/2-BK-50MM	PC		580X380X275	580	380	275
CM9933-000	RNF-100-1/2-BK-515MM	PC		594x394x372	594	394	372
CS4950-000	RNF-100-1/2-BK-540MM	PC		594x394x372	594	394	372
BM8773-000	RNF-100-1/2-BK-570MM	PC		594x394x372	594	394	372
CV6676-000	RNF-100-1/2-BK-640MM	PC		1000x400x500	1000	400	500
CV6674-000	RNF-100-1/2-BK-675MM	PC		1000x400x500	1000	400	500
EH8151-000	RNF-100-1/2-BK-685MM	PC		1000x400x500	1000	400	500
F26811-000	RNF-100-1/2-BK-690MM	PC		1000x400x500	1000	400	500
CB2391-000	RNF-100-1/2-BK-700MM	PC		1000x400x500	1000	400	500
071275-000	RNF-100-1/2-BK-FSP	FT		490x490x95	490	490	95
C30357-000	RNF-100-1/2-BK-FSP-CS5004	FT		490x490x95	490	490	95
5053194267	RNF-100-1/2-BK-SP	FT	490x490x210	490x490x210	490	490	210
A16446-000	RNF-100-1/2-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505319M260	RNF-100-1/2-BK-SP-CS6162	FT	490x490x210	490x490x210	490	490	210
505319J257	RNF-100-1/2-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5053192266	RNF-100-1/2-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505319L439	RNF-100-1/2-BK-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
505319L259	RNF-100-1/2-BK-STK-CS7224	FT	254x254x1270	254x254x1270	254	254	1270
CN2757-000	RNF-100-1/2-BK-STK-CS7387	FT	254x254x1270	254x254x1270	254	254	1270
314363-000	RNF-100-1/2-BU-FSP	FT		490x490x95	490	490	95
5053224057	RNF-100-1/2-BU-SP	FT	490x490x210	490x490x210	490	490	210
505322M055	RNF-100-1/2-BU-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
5053222056	RNF-100-1/2-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
411221-000	RNF-100-1/2-CL-FSP	FT		490x490x95	490	490	95
C92102-000	RNF-100-1/2-CL-FSPCS7312	FT		490x490x95	490	490	95
CZ7155-000	RNF-100-1/2-CL-FSP-CS9298	FT		490x490x95	490	490	95
5070084132	RNF-100-1/2-CL-SP	FT	490x490x210	490x490x210	490	490	210
507008M136	RNF-100-1/2-CL-SP-CS6162	FT	490x490x210	490x490x210	490	490	210
5070082131	RNF-100-1/2-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507008L128	RNF-100-1/2-CL-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270

707357-000	RNF-100-1/2-CL-STK-CS7312	FT	254x254x1270	254x254x1270	254	254	1270
967171-000	RNF-100-1/2-CL-STK-CS7620	FT	254x254x1270	254x254x1270	254	254	1270
934187-000	RNF-100-1/2-GN-FSP	FT		490x490x95	490	490	95
5054554027	RNF-100-1/2-GN-SP	FT	490x490x210	490x490x210	490	490	210
5054552026	RNF-100-1/2-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
302739-000	RNF-100-1/2-GY-SP	FT	490x490x210	490x490x210	490	490	210
5054214012	RNF-100-1/2-OR-SP	FT	490x490x210	490x490x210	490	490	210
5054212011	RNF-100-1/2-OR-STK	FT	254x254x1270	254x254x1270	254	254	1270
186504-000	RNF-100-1/2R-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
CF4691-000	RNF-100-1/2-RD-1.5IN	PC		580X380X275	580	380	275
CW4865-000	RNF-100-1/2-RD-40MM	PC		580X380X275	580	380	275
CJ8165-000	RNF-100-1/2-RD-50MM	PC		580X380X275	580	380	275
559029-000	RNF-100-1/2-RD-FSP	FT		490x490x95	490	490	95
CL7864-000	RNF-100-1/2-RD-FSP-CS5004	FT		490x490x95	490	490	95
5053204041	RNF-100-1/2-RD-SP	FT	490x490x210	490x490x210	490	490	210
295547-000	RNF-100-1/2-RD-SP-CS5006	FT	490x490x210	490x490x210	490	490	210
505320M039	RNF-100-1/2-RD-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
590529-000	RNF-100-1/2-RD-SP-CS7465	FT	490x490x210	490x490x210	490	490	210
514393-000	RNF-100-1/2-RD-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053202040	RNF-100-1/2-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
505320L078	RNF-100-1/2-RD-STK-CS5318	FT	254x254x1270	254x254x1270	254	254	1270
5054224013	RNF-100-1/2-VT-SP	FT	490x490x210	490x490x210	490	490	210
643267-000	RNF-100-1/2-WH-FSP	FT		490x490x95	490	490	95
F40630-000	RNF-100-1/2-WH-FSP-CS5004	FT		490x490x95	490	490	95
CW7384-000	RNF-100-1/2-WH-FSP-CS7674	FT		490x490x95	490	490	95
5053234078	RNF-100-1/2-WH-SP	FT	490x490x210	490x490x210	490	490	210
F26945-000	RNF-100-1/2-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505323M076	RNF-100-1/2-WH-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
971681-000	RNF-100-1/2-WH-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053232077	RNF-100-1/2-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
505323L152	RNF-100-1/2-WH-STK-CS5004	FT	254x254x1270	254x254x1270	254	254	1270
505323L075	RNF-100-1/2-WH-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
691461-000	RNF-100-1/2-WH-STK-CS5551	FT	254x254x1270	254x254x1270	254	254	1270

648425-000	RNF-100-1/2-YO-FSP	FT		490x490x95	490	490	95
5053214155	RNF-100-1/2-YO-SP	FT	490x490x210	490x490x210	490	490	210
289705-000	RNF-100-1/2-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053212154	RNF-100-1/2-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
505321L152	RNF-100-1/2-YO-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270
505309P454	RNF-100-1/4-A1-BK-20MM	PC		580X380X275	580	380	275
505309P456	RNF-100-1/4-A1-BK-30MM	PC		580X380X275	580	380	275
505309P460	RNF-100-1/4-A1-BK-50MM	PC		580X380X275	580	380	275
507006P134	RNF-100-1/4-A1-CL-45MM	PC		580X380X275	580	380	275
600510-000	RNF-100-1/4-A1-YO-SP	FT	490x490x210	490x490x210	490	490	210
CP0293-000	RNF-100-1/4-BK-1.25IN	PC		580X380X275	580	380	275
505309P274	RNF-100-1/4-BK-1IN	PC		580X380X275	580	380	275
505309P431	RNF-100-1/4-BK-2.5IN	PC		580X380X275	580	380	275
CP0294-000	RNF-100-1/4-BK-2IN	PC		580X380X275	580	380	275
CU6276-000	RNF-100-1/4-BK-38MM	PC		580X380X275	580	380	275
CP0295-000	RNF-100-1/4-BK-4IN	PC		580X380X275	580	380	275
043885-000	RNF-100-1/4-BK-75MM	PC		580X380X275	580	380	275
5053094268	RNF-100-1/4-BK-SP	FT	490x490x210	490x490x210	490	490	210
505309M258	RNF-100-1/4-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
CW7197-000	RNF-100-1/4-BK-SP-CS7316	FT	490x490x210	490x490x210	490	490	210
D68311-000	RNF-100-1/4-BK-SP-CS7797	FT	490x490x210	490x490x210	490	490	210
BM9739-000	RNF-100-1/4-BK-SP-CS9340	FT	490x490x210	490x490x210	490	490	210
5053092267	RNF-100-1/4-BK-STK	FT	254x127x1270	175x175x1270	175	175	1270
289987-000	RNF-100-1/4-BK-STK-CS5004	FT	254x127x1270	175x175x1270	175	175	1270
5054134024	RNF-100-1/4-BN-SP	FT	490x490x210	490x490x210	490	490	210
908548-000	RNF-100-1/4-BN-STK	FT	254x127x1270	175x175x1270	175	175	1270
5053124054	RNF-100-1/4-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053122053	RNF-100-1/4-BU-STK	FT	254x127x1270	175x175x1270	175	175	1270
507006B063	RNF-100-1/4-CL	FT					
CF9383-000	RNF-100-1/4-CL-1.5IN	PC		580X380X275	580	380	275
CM9026-000	RNF-100-1/4-CL-2IN	PC		580X380X275	580	380	275
CR6327-000	RNF-100-1/4-CL-30MM	PC		580X380X275	580	380	275
5070064069	RNF-100-1/4-CL-SP	FT	490x490x210	490x490x210	490	490	210

507006M070	RNF-100-1/4-CL-SP-CS5823	FT	490x490x210	490x490x210	490	490	210
C28473-000	RNF-100-1/4-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
5070062068	RNF-100-1/4-CL-STK	FT	254x127x1270	175x175x1270	175	175	1270
507006L064	RNF-100-1/4-CL-STK-CS6162	FT	254x127x1270	175x175x1270	175	175	1270
595885-000	RNF-100-1/4-CL-STK-CS7312	FT	254x127x1270	175x175x1270	175	175	1270
5054414029	RNF-100-1/4-GN-SP	FT	490x490x210	490x490x210	490	490	210
505441M037	RNF-100-1/4-GN-SP-CS5006	FT	490x490x210	490x490x210	490	490	210
999221-000	RNF-100-1/4-GN-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
5054412028	RNF-100-1/4-GN-STK	FT	254x127x1270	175x175x1270	175	175	1270
5050034021	RNF-100-1/4-GY-SP	FT	490x490x210	490x490x210	490	490	210
C32783-000	RNF-100-1/4-GY-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
264250-000	RNF-100-1/4-GY-STK	FT	254x127x1270	175x175x1270	175	175	1270
5054144013	RNF-100-1/4-OR-SP	FT	490x490x210	490x490x210	490	490	210
5054142012	RNF-100-1/4-OR-STK	FT	254x127x1270	175x175x1270	175	175	1270
CZ4361-000	RNF-100-1/4-RD-30MM	PC		580X380X275	580	380	275
5053104060	RNF-100-1/4-RD-SP	FT	490x490x210	490x490x210	490	490	210
505310M057	RNF-100-1/4-RD-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
CM1138-000	RNF-100-1/4-RD-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
442923-000	RNF-100-1/4-RD-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053102059	RNF-100-1/4-RD-STK	FT	254x127x1270	175x175x1270	175	175	1270
525326-000	RNF-100-1/4-RD-STK-CS7675	FT	254x127x1270	175x175x1270	175	175	1270
5054154016	RNF-100-1/4-VT-SP	FT	490x490x210	490x490x210	490	490	210
E20260-000	RNF-100-1/4-VT-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5053134121	RNF-100-1/4-WH-SP	FT	490x490x210	490x490x210	490	490	210
505313M224	RNF-100-1/4-WHSPCS5004	FT	490x490x210	490x490x210	490	490	210
505313M118	RNF-100-1/4-WH-SP-CS7375	FT	490x490x210	490x490x210	490	490	210
505313M225	RNF-100-1/4-WH-SP-CS7465	FT	490x490x210	490x490x210	490	490	210
280249-000	RNF-100-1/4-WH-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
CX2365-000	RNF-100-1/4-WH-SP-CS7674	FT	490x490x210	490x490x210	490	490	210
5053132120	RNF-100-1/4-WH-STK	FT	254x127x1270	175x175x1270	175	175	1270
EG9112-000	RNF-100-1/4-WH-STK-CS5004	FT	254x127x1270	175x175x1270	175	175	1270
505313L117	RNF-100-1/4-WH-STK-CS5529	FT	254x127x1270	175x175x1270	175	175	1270
5053114155	RNF-100-1/4-YO-SP	FT	490x490x210	490x490x210	490	490	210

CM1137-000	RNF-100-1/4-YO-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
992377-000	RNF-100-1/4-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053112154	RNF-100-1/4-YO-STK	FT	254x127x1270	175x175x1270	175	175	1270
CN6502-000	RNF-100-1/8-A1-BK-50MM	PC		380X380X275	380	380	275
CA8789-000	RNF-100-1/8-BK-2IN	PC		380X380X275	380	380	275
537019-000	RNF-100-1/8-BK-30MM	PC		380x280x135	380	280	135
4989614001	RNF-100-1/8-BK-BULK-SP	FT	490x490x210	490x490x210	490	490	210
CN5306-000	RNF-100-1/8-BK-CSP-CS8986	FT	490x490x210	490x490x210	490	490	210
5052994173	RNF-100-1/8-BK-SP	FT	490x490x210	490x490x210	490	490	210
505299M169	RNF-100-1/8-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
246123-000	RNF-100-1/8-BK-SP-CS5868	FT	490x490x210	490x490x210	490	490	210
EG0430-000	RNF-100-1/8-BK-SP-CS7316	FT	490x490x210	490x490x210	490	490	210
A65752-000	RNF-100-1/8-BK-SP-CS7797	FT	490x490x210	490x490x210	490	490	210
E28898-000	RNF-100-1/8-BK-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
505299J167	RNF-100-1/8-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5052992172	RNF-100-1/8-BK-STK	FT	127x127x1270	127x127x1270	127	127	1270
CR8361-000	RNF-100-1/8-BK-STK-CS5321	FT	127x127x1270	127x127x1270	127	127	1270
E93634-000	RNF-100-1/8-BK-STK-CS5592	FT	127x127x1270	127x127x1270	127	127	1270
257084-000	RNF-100-1/8-BK-STK-CS7224	FT	127x127x1270	127x127x1270	127	127	1270
505299L168	RNF-100-1/8-BK-STK-CS7250	FT	127x127x1270	127x127x1270	127	127	1270
CN4288-000	RNF-100-1/8-BK-STK-CS8794	FT	127x127x1270	127x127x1270	127	127	1270
5054064021	RNF-100-1/8-BN-SP	FT	490x490x210	490x490x210	490	490	210
5054062020	RNF-100-1/8-BN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053024047	RNF-100-1/8-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053022046	RNF-100-1/8-BU-STK	FT	127x127x1270	127x127x1270	127	127	1270
668037-000	RNF-100-1/8-CL-CSP	FT	490x490x210	490x490x210	490	490	210
5070044083	RNF-100-1/8-CL-SP	FT	490x490x210	490x490x210	490	490	210
5070044140	RNF-100-1/8-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
5070042082	RNF-100-1/8-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
507004L079	RNF-100-1/8-CL-STK-CS6162	FT	127x127x1270	127x127x1270	127	127	1270
CM9488-000	RNF-100-1/8-CL-STK-CS8794	FT	127x127x1270	127x127x1270	127	127	1270
5054424024	RNF-100-1/8-GN-SP	FT	490x490x210	490x490x210	490	490	210
505442M022	RNF-100-1/8-GN-SP-CS5006	FT	490x490x210	490x490x210	490	490	210

289569-000	RNF-100-1/8-GN-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5054422023	RNF-100-1/8-GN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054094026	RNF-100-1/8-GY-SP	FT	490x490x210	490x490x210	490	490	210
5054092025	RNF-100-1/8-GY-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054074012	RNF-100-1/8-OR-SP	FT	490x490x210	490x490x210	490	490	210
5054072011	RNF-100-1/8-OR-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053004040	RNF-100-1/8-RD-SP	FT	490x490x210	490x490x210	490	490	210
505300M037	RNF-100-1/8-RD-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
035373-000	RNF-100-1/8-RD-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053002039	RNF-100-1/8-RD-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054084015	RNF-100-1/8-VT-SP	FT	490x490x210	490x490x210	490	490	210
5054082014	RNF-100-1/8-VT-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053034137	RNF-100-1/8-WH-SP	FT	490x490x210	490x490x210	490	490	210
548283-000	RNF-100-1/8-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
D71856-000	RNF-100-1/8-WH-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
EG5869-000	RNF-100-1/8-WH-SP-CS9334	FT	490x490x210	490x490x210	490	490	210
5053032136	RNF-100-1/8-WH-STK	FT	127x127x1270	127x127x1270	127	127	1270
505303L132	RNF-100-1/8-WH-STK-CS5529	FT	127x127x1270	127x127x1270	127	127	1270
505303L212	RNF-100-1/8-WH-STK-CS5551	FT	127x127x1270	127x127x1270	127	127	1270
194267-000	RNF-100-1/8-WH-STK-CS5592	FT	127x127x1270	127x127x1270	127	127	1270
CR0866-000	RNF-100-1/8-WH-STK-CS9057	FT	127x127x1270	127x127x1270	127	127	1270
5053014087	RNF-100-1/8-YO-SP	FT	490x490x210	490x490x210	490	490	210
505301M083	RNF-100-1/8-YO-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
536753-000	RNF-100-1/8-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053012086	RNF-100-1/8-YO-STK	FT	127x127x1270	127x127x1270	127	127	1270
EG8106-000	RNF-100-1-1/2-BK-85MM	PC		580X380X275	580	380	275
5053344102	RNF-100-1-1/2-BK-SP	FT	490x490x210	490x490x210	490	490	210
505334M188	RNF-100-1-1/2-BKSPCS5004	FT	490x490x210	490x490x210	490	490	210
505334J097	RNF-100-1-1/2-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5053342101	RNF-100-1-1/2-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505334L190	RNF-100-1-1/2-BKSTKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
CN3422-000	RNF-100-1-1/2-BK-STK-CS7387	FT	254x254x1270	254x254x1270	254	254	1270
5054314013	RNF-100-1-1/2-BN-SP	FT	490x490x210	490x490x210	490	490	210

5053374026	RNF-100-1-1/2-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053372025	RNF-100-1-1/2-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
5070114069	RNF-100-1-1/2-CL-SP	FT	490x490x210	490x490x210	490	490	210
507011M074	RNF-100-1-1/2CL-SP-CS5533	FT	490x490x210	490x490x210	490	490	210
5070112068	RNF-100-1-1/2-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507011L073	RNF-100-1-1/2CLSTK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
5054584016	RNF-100-1-1/2-GN-SP	FT	490x490x210	490x490x210	490	490	210
5054582015	RNF-100-1-1/2-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
5054324010	RNF-100-1-1/2-OR-SP	FT	490x490x210	490x490x210	490	490	210
5053354028	RNF-100-1-1/2-RD-SP	FT	490x490x210	490x490x210	490	490	210
5053352027	RNF-100-1-1/2-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
5054334012	RNF-100-1-1/2-VT-SP	FT	490x490x210	490x490x210	490	490	210
5053384055	RNF-100-1-1/2-WH-SP	FT	490x490x210	490x490x210	490	490	210
505338M052	RNF-100-1-1/2-WH-SPCS5529	FT	490x490x210	490x490x210	490	490	210
5053382054	RNF-100-1-1/2-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
542451-000	RNF-100-1-1/2-WHSTKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
5053364071	RNF-100-1-1/2-YO-SP	FT	490x490x210	490x490x210	490	490	210
5053362070	RNF-100-1-1/2-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
5056844010	RNF-100-1-1/4-BK-SP	FT	490x490x210	490x490x210	490	490	210
5056842009	RNF-100-1-1/4-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
5058604001	RNF-100-1-1/4-BU-SP	FT	490x490x210	490x490x210	490	490	210
5072014003	RNF-100-1-1/4-CL-SP	FT	490x490x210	490x490x210	490	490	210
507201M006	RNF-100-1-1/4-CL-SPCS7312	FT	490x490x210	490x490x210	490	490	210
5072012002	RNF-100-1-1/4-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
0555824003	RNF-100-1-1/4-GN-SP	FT	490x490x210	490x490x210	490	490	210
5058634006	RNF-100-1-1/4-RD-SP	FT	490x490x210	490x490x210	490	490	210
5058632005	RNF-100-1-1/4-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
5057394003	RNF-100-1-1/4-WH-SP	FT	490x490x210	490x490x210	490	490	210
590417-000	RNF-100-1-1/4-WH-SPCS7312	FT	490x490x210	490x490x210	490	490	210
5057392002	RNF-100-1-1/4-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
5058654004	RNF-100-1-1/4-YO-SP	FT	490x490x210	490x490x210	490	490	210
CL6871-000	RNF-100-135/149-BK-SP-CS8779	FT	490x490x210	490x490x210	490	490	210
CZ8951-000	RNF-100-1-BK-1.25IN	PC		580X380X275	580	380	275

CP4854-000	RNF-100-1-BK-135MM	PC		580X380X275	580	380	275
CN5312-000	RNF-100-1-BK-35MM	PC		580X380X275	580	380	275
CP5733-000	RNF-100-1-BK-95MM	PC		580X380X275	580	380	275
292801-000	RNF-100-1-BK-FSP	FT		490x490x50	490	490	50
5053294161	RNF-100-1-BK-SP	FT	490x490x210	490x490x210	490	490	210
F68207-000	RNF-100-1-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505329M158	RNF-100-1-BK-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
505329M253	RNF-100-1-BK-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
5053292160	RNF-100-1-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505329L252	RNF-100-1-BK-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
505329L157	RNF-100-1-BK-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
5054272012	RNF-100-1-BN-STK	FT	254x254x1270	254x254x1270	254	254	1270
756061-000	RNF-100-1-BU-FSP	FT		490x490x50	490	490	50
5053324032	RNF-100-1-BU-SP	FT	490x490x210	490x490x210	490	490	210
505332M029	RNF-100-1-BU-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
5053322031	RNF-100-1-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
152125-000	RNF-100-1-CL-FSP	FT		490x490x50	490	490	50
CX0799-000	RNF-100-1-CL-FSP-CS5868	FT		490x490x50	490	490	50
737004-000	RNF-100-1-CL-FSP-CS7312	FT		490x490x50	490	490	50
5070104071	RNF-100-1-CL-SP	FT	490x490x210	490x490x210	490	490	210
033961-000	RNF-100-1-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
875675-000	RNF-100-1-CL-SP-CS7535	FT	490x490x210	490x490x210	490	490	210
5070102070	RNF-100-1-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507010L066	RNF-100-1-CL-STK-CS6128	FT	254x254x1270	254x254x1270	254	254	1270
F44472-000	RNF-100-1-CL-STK-CS7620	FT	254x254x1270	254x254x1270	254	254	1270
5054574018	RNF-100-1-GN-SP	FT	490x490x210	490x490x210	490	490	210
5054572017	RNF-100-1-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
CJ6363-000	RNF-100-1-OR-FSP	FT		490x490x50	490	490	50
5054282008	RNF-100-1-OR-STK	FT	254x254x1270	254x254x1270	254	254	1270
CW3543-000	RNF-100-1-RD-30MM	PC		380X380X275	380	380	275
EG1638-000	RNF-100-1-RD-40MM	PC		380X380X275	380	380	275
CW3542-000	RNF-100-1-RD-70MM	PC		580X380X275	580	380	275
654193-000	RNF-100-1-RD-FSP	FT		490x490x50	490	490	50

5053304040	RNF-100-1-RD-SP	FT	490x490x210	490x490x210	490	490	210
408675-000	RNF-100-1-RD-SP-CS7465	FT	490x490x210	490x490x210	490	490	210
5053302039	RNF-100-1-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
969515-000	RNF-100-1-WH-FSP	FT		490x490x50	490	490	50
5053334137	RNF-100-1-WH-SP	FT	490x490x210	490x490x210	490	490	210
914696-000	RNF-100-1-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505333M212	RNF-100-1-WH-SP-CS7465	FT	490x490x210	490x490x210	490	490	210
5053332136	RNF-100-1-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
505333L133	RNF-100-1-WH-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270
467625-000	RNF-100-1-YO-FSP	FT		490x490x50	490	490	50
5053314139	RNF-100-1-YO-SP	FT	490x490x210	490x490x210	490	490	210
5053312138	RNF-100-1-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
505331L136	RNF-100-1-YO-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
340378-000	RNF-100-1-YO-STK-CS7465	FT	254x254x1270	254x254x1270	254	254	1270
5053394065	RNF-100-2-BK-SP	FT	490x490x210	490x490x210	490	490	210
505339M063	RNF-100-2-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
602739-000	RNF-100-2-BK-SP-CS7443	FT	490x490x210	490x490x210	490	490	210
105309-000	RNF-100-2-BK-SP-CS7465	FT	490x490x210	490x490x210	490	490	210
5053392064	RNF-100-2-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
E36334-000	RNF-100-2-BK-STK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
5053424020	RNF-100-2-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053422019	RNF-100-2-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
5070124025	RNF-100-2-CL-SP	FT	490x490x210	490x490x210	490	490	210
507012M030	RNF-100-2-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
5070122027	RNF-100-2-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507012L029	RNF-100-2-CL-STK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
507012L052	RNF-100-2-CL-STK-CS7312	FT	254x254x1270	254x254x1270	254	254	1270
5050814014	RNF-100-2-GN-SP	FT	490x490x210	490x490x210	490	490	210
5050812013	RNF-100-2-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
CS6422-000	RNF-100-2-GY-SP-CS5318	FT	490x490x210	490x490x210	490	490	210
CA4833-000	RNF-100-2-OR-SP	FT	490x490x210	490x490x210	490	490	210
5053404021	RNF-100-2-RD-SP	FT	490x490x210	490x490x210	490	490	210
5053402020	RNF-100-2-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270

5053434037	RNF-100-2-WH-SP	FT	490x490x210	490x490x210	490	490	210
5053432036	RNF-100-2-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
505343L033	RNF-100-2-WH-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
CR1834-000	RNF-100-2-WH-STK-CS5551	FT	254x254x1270	254x254x1270	254	254	1270
5053414044	RNF-100-2-YO-SP	FT	490x490x210	490x490x210	490	490	210
5053412043	RNF-100-2-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
505304B150	RNF-100-3/16-BK	FT					
5053046188	RNF-100-3/16-BK-0.5IN	PC		580X380X275	580	380	275
CY9277-000	RNF-100-3/16-BK-40MM	PC		580X380X275	580	380	275
CN5309-000	RNF-100-3/16-BK-50MM	PC		580X380X275	580	380	275
CU3549-000	RNF-100-3/16-BK-60MM	PC		580X380X275	580	380	275
2488794001	RNF-100-3/16-BK-BULK-SP	FT	490x490x210	490x490x210	490	490	210
CN5307-000	RNF-100-3/16-BK-CSP-CS8986	FT	490x490x210	490x490x210	490	490	210
5053044177	RNF-100-3/16-BK-SP	FT	490x490x210	490x490x210	490	490	210
245783N001	RNF-100-3/16-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
D13210-000	RNF-100-3/16-BK-SP-CS7210	FT	490x490x210	490x490x210	490	490	210
D14887-000	RNF-100-3/16-BK-SP-CS7387	FT	490x490x210	490x490x210	490	490	210
D55991-000	RNF-100-3/16-BK-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
505304J154	RNF-100-3/16-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5053042176	RNF-100-3/16-BK-STK	FT	127x127x1270	127x127x1270	127	127	1270
505304L157	RNF-100-3/16-BKSTK-CS5529	FT	127x127x1270	127x127x1270	127	127	1270
479606-000	RNF-100-3/16-BK-STKCS7224	FT	127x127x1270	127x127x1270	127	127	1270
5054104024	RNF-100-3/16-BN-SP	FT	490x490x210	490x490x210	490	490	210
5054102023	RNF-100-3/16-BN-STK	FT	127x127x1270	127x127x1270	127	127	1270
A10478-000	RNF-100-3/16-BU-1IN	PC		580X380X275	580	380	275
5053074047	RNF-100-3/16-BU-SP	FT	490x490x210	490x490x210	490	490	210
CN7632-000	RNF-100-3/16-BU-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5053072046	RNF-100-3/16-BU-STK	FT	127x127x1270	127x127x1270	127	127	1270
507005B054	RNF-100-3/16-CL	FT					
CR8775-000	RNF-100-3/16-CL-50MM	PC		580X380X275	580	380	275
5070054057	RNF-100-3/16-CL-SP	FT	490x490x210	490x490x210	490	490	210
507005M059	RNF-100-3/16-CL-SP-CS5006	FT	490x490x210	490x490x210	490	490	210
042463-000	RNF-100-3/16-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210

5070052056	RNF-100-3/16-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
507005L055	RNF-100-3/16-CL-STKCS5006	FT	127x127x1270	127x127x1270	127	127	1270
EK2384-000	RNF-100-3/16-CL-STK-CS9347	FT	127x127x1270	127x127x1270	127	127	1270
5053914036	RNF-100-3/16-GN-SP	FT	490x490x210	490x490x210	490	490	210
CN7633-000	RNF-100-3/16-GN-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505391M034	RNF-100-3/16-GN-SP-CS5321	FT	490x490x210	490x490x210	490	490	210
5053912035	RNF-100-3/16-GN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054124018	RNF-100-3/16-GY-SP	FT	490x490x210	490x490x210	490	490	210
5054122017	RNF-100-3/16-GY-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054114018	RNF-100-3/16-OR-SP	FT	490x490x210	490x490x210	490	490	210
5054112017	RNF-100-3/16-OR-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053054039	RNF-100-3/16-RD-SP	FT	490x490x210	490x490x210	490	490	210
CN7634-000	RNF-100-3/16-RD-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
CM3484-000	RNF-100-3/16-RD-SP-CS5533	FT	490x490x210	490x490x210	490	490	210
505305M036	RNF-100-3/16-RD-SP-CS6162	FT	490x490x210	490x490x210	490	490	210
951101-000	RNF-100-3/16-RD-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053052038	RNF-100-3/16-RD-STK	FT	127x127x1270	127x127x1270	127	127	1270
5050094015	RNF-100-3/16-VT-SP	FT	490x490x210	490x490x210	490	490	210
5050092016	RNF-100-3/16-VT-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053084107	RNF-100-3/16-WH-SP	FT	490x490x210	490x490x210	490	490	210
505308M181	RNF-100-3/16-WHSPCS5004	FT	490x490x210	490x490x210	490	490	210
302031-000	RNF-100-3/16-WH-SP-CS5551	FT	490x490x210	490x490x210	490	490	210
505308M104	RNF-100-3/16-WH-SP-CS7075	FT	490x490x210	490x490x210	490	490	210
955297-000	RNF-100-3/16-WH-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
C41441-000	RNF-100-3/16-WH-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
5053082106	RNF-100-3/16-WH-STK	FT	127x127x1270	127x127x1270	127	127	1270
CP1255-000	RNF-100-3/16-WH-STK-CS5321	FT	127x127x1270	127x127x1270	127	127	1270
C21606-000	RNF-100-3/16-WH-STKCS5592	FT	127x127x1270	127x127x1270	127	127	1270
5053064084	RNF-100-3/16-YO-SP	FT	490x490x210	490x490x210	490	490	210
505306M080	RNF-100-3/16-YO-SP-CS6162	FT	490x490x210	490x490x210	490	490	210
145659-000	RNF-100-3/16-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053062083	RNF-100-3/16-YO-STK	FT	127x127x1270	127x127x1270	127	127	1270
505306L079	RNF-100-3/16-YO-STKCS5529	FT	127x127x1270	127x127x1270	127	127	1270

5052944219	RNF-100-3/32-BK-SP	FT	490x490x210	490x490x210	490	490	210
505294M309	RNF-100-3/32-BKSPCS5004	FT	490x490x210	490x490x210	490	490	210
CN6197-000	RNF-100-3/32-BK-SP-CS5092	FT	490x490x210	490x490x210	490	490	210
505294M215	RNF-100-3/32-BK-SP-CS5583	FT	490x490x210	490x490x210	490	490	210
505294M310	RNF-100-3/32-BKSPCS7210	FT	490x490x210	490x490x210	490	490	210
E23580-000	RNF-100-3/32-BK-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
505294J213	RNF-100-3/32-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5052942218	RNF-100-3/32-BK-STK	FT	127x127x1270	127x127x1270	127	127	1270
CL4285-000	RNF-100-3/32-BK-STK-CS5529	FT	127x127x1270	127x127x1270	127	127	1270
5054024019	RNF-100-3/32-BN-SP	FT	490x490x210	490x490x210	490	490	210
643616-000	RNF-100-3/32-BN-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5054022018	RNF-100-3/32-BN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052974051	RNF-100-3/32-BU-SP	FT	490x490x210	490x490x210	490	490	210
804093-000	RNF-100-3/32-BU-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5052972050	RNF-100-3/32-BU-STK	FT	127x127x1270	127x127x1270	127	127	1270
5070034072	RNF-100-3/32-CL-SP	FT	490x490x210	490x490x210	490	490	210
573229-000	RNF-100-3/32-CL-SP-CS5868	FT	490x490x210	490x490x210	490	490	210
155907-000	RNF-100-3/32-CL-SP-CS7607	FT	490x490x210	490x490x210	490	490	210
CL0554-000	RNF-100-3/32-CL-SPMD/DBLBG	FT					
5070032071	RNF-100-3/32-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
507003L069	RNF-100-3/32-CL-STKCS5733	FT	127x127x1270	127x127x1270	127	127	1270
5053824030	RNF-100-3/32-GN-SP	FT	490x490x210	490x490x210	490	490	210
570898-000	RNF-100-3/32-GN-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5053822029	RNF-100-3/32-GN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054054019	RNF-100-3/32-GY-SP	FT	490x490x210	490x490x210	490	490	210
5054052018	RNF-100-3/32-GY-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054034020	RNF-100-3/32-OR-SP	FT	490x490x210	490x490x210	490	490	210
C13257-000	RNF-100-3/32-OR-SPCS5004	FT	490x490x210	490x490x210	490	490	210
5054032019	RNF-100-3/32-OR-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052954041	RNF-100-3/32-RD-SP	FT	490x490x210	490x490x210	490	490	210
121380-000	RNF-100-3/32-RD-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5052952040	RNF-100-3/32-RD-STK	FT	127x127x1270	127x127x1270	127	127	1270
5054044014	RNF-100-3/32-VT-SP	FT	490x490x210	490x490x210	490	490	210

452338-000	RNF-100-3/32-VT-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5054042013	RNF-100-3/32-VT-STK	FT	127x127x1270	127x127x1270	127	127	1270
EG6007-000	RNF-100-3/32-WH-50MM	PC		580X380X275	580	380	275
EG8142-000	RNF-100-3/32-WH-85MM	PC		580X380X275	580	380	275
5052984151	RNF-100-3/32-WH-SP	FT	490x490x210	490x490x210	490	490	210
505298M203	RNF-100-3/32-WHSPCS5004	FT	490x490x210	490x490x210	490	490	210
505298M148	RNF-100-3/32-WH-SP-CS7375	FT	490x490x210	490x490x210	490	490	210
5052982150	RNF-100-3/32-WH-STK	FT	127x127x1270	127x127x1270	127	127	1270
505298L147	RNF-100-3/32-WH-STKCS5004	FT	127x127x1270	127x127x1270	127	127	1270
505298L204	RNF-100-3/32-WH-STKCS7224	FT	127x127x1270	127x127x1270	127	127	1270
5052964055	RNF-100-3/32-YO-SP	FT	490x490x210	490x490x210	490	490	210
504570-000	RNF-100-3/32-YO-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
5052962054	RNF-100-3/32-YO-STK	FT	127x127x1270	127x127x1270	127	127	1270
033101P003	RNF-100-3/4-3X-A1-BK-50MM	PC		580X380X275	580	380	275
505324P327	RNF-100-3/4-A1-BK-30MM	PC		580X380X275	580	380	275
505324P332	RNF-100-3/4-A1-BK-40MM	PC		580X380X275	580	380	275
505324P350	RNF-100-3/4-A1-BK-50MM	PC		580X380X275	580	380	275
505324P343	RNF-100-3/4-A1-BK-55MM	PC		580X380X275	580	380	275
505325P099	RNF-100-3/4-A1-RD-30MM	PC		580X380X275	580	380	275
505325P093	RNF-100-3/4-A1-RD-40MM	PC		580X380X275	580	380	275
505325P092	RNF-100-3/4-A1-RD-55MM	PC		580X380X275	580	380	275
CZ1358-000	RNF-100-3/4-BK-2.5IN	PC		580X380X275	580	380	275
CB4493-000	RNF-100-3/4-BK-250MM	PC		580X380X275	580	380	275
505324P319	RNF-100-3/4-BK-50MM	PC		580X380X275	580	380	275
142003-000	RNF-100-3/4-BK-FSP	FT		490x490x95	490	490	95
5053244180	RNF-100-3/4-BK-SP	FT	490x490x210	490x490x210	490	490	210
505324M353	RNF-100-3/4-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505324M176	RNF-100-3/4-BK-SP-CS5074	FT	490x490x210	490x490x210	490	490	210
A62384-000	RNF-100-3/4-BK-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
505324J174	RNF-100-3/4-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5053242179	RNF-100-3/4-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
139431-000	RNF-100-3/4-BK-STK-CS5004	FT	254x254x1270	254x254x1270	254	254	1270
505324L175	RNF-100-3/4-BK-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270

505424M023	RNF-100-3/4-BN-SP-CS5321	FT	490x490x210	490x490x210	490	490	210
060537-000	RNF-100-3/4-BU-FSP	FT		490x490x95	490	490	95
5053274063	RNF-100-3/4-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053272062	RNF-100-3/4-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
EJ1387-000	RNF-100-3/4-BU-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
446253-000	RNF-100-3/4-CL-FSP	FT		490x490x95	490	490	95
5070094075	RNF-100-3/4-CL-SP	FT	490x490x210	490x490x210	490	490	210
507009M078	RNF-100-3/4-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
5070092074	RNF-100-3/4-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507009L073	RNF-100-3/4-CL-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270
507009L137	RNF-100-3/4-CL-STKCS7250	FT	254x254x1270	254x254x1270	254	254	1270
051417-000	RNF-100-3/4-GN-FSP	FT		490x490x95	490	490	95
5054444027	RNF-100-3/4-GN-SP	FT	490x490x210	490x490x210	490	490	210
5054442026	RNF-100-3/4-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
5054254012	RNF-100-3/4-OR-SP	FT	490x490x210	490x490x210	490	490	210
5054252011	RNF-100-3/4-OR-STK	FT	254x254x1270	254x254x1270	254	254	1270
832204-000	RNF-100-3/4R-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
CY6587-000	RNF-100-3/4-RD-70MM	PC		580X380X275	580	380	275
651721-000	RNF-100-3/4-RD-FSP	FT		490x490x95	490	490	95
5053254051	RNF-100-3/4-RD-SP	FT	490x490x210	490x490x210	490	490	210
062931-000	RNF-100-3/4-RD-SP-CS5006	FT	490x490x210	490x490x210	490	490	210
5053252050	RNF-100-3/4-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
900337-000	RNF-100-3/4-WH-FSP	FT		490x490x95	490	490	95
5053284199	RNF-100-3/4-WH-SP	FT	490x490x210	490x490x210	490	490	210
548166-000	RNF-100-3/4-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505328M195	RNF-100-3/4-WH-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
904565-000	RNF-100-3/4-WH-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053282198	RNF-100-3/4-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
597155-000	RNF-100-3/4-WH-STK-CS5004	FT	254x254x1270	254x254x1270	254	254	1270
505328L194	RNF-100-3/4-WH-STK-CS5006	FT	254x254x1270	254x254x1270	254	254	1270
F34682-000	RNF-100-3/4-WH-STK-CS5592	FT	254x254x1270	254x254x1270	254	254	1270
465337-000	RNF-100-3/4-YO-FSP	FT		490x490x95	490	490	95
5053264137	RNF-100-3/4-YO-SP	FT	490x490x210	490x490x210	490	490	210

980937-000	RNF-100-3/4-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053262136	RNF-100-3/4-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
505326L134	RNF-100-3/4-YO-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
5052844058	RNF-100-3/64-BK-SP	FT	490x490x210	490x490x210	490	490	210
F70484-000	RNF-100-3/64-BK-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
505284J053	RNF-100-3/64-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5052842057	RNF-100-3/64-BK-STK	FT	127x127x1270	127x127x1270	127	127	1270
505284L054	RNF-100-3/64-BKSTK-CS6162	FT	127x127x1270	127x127x1270	127	127	1270
C04348-000	RNF-100-3/64-BK-STKCS7250	FT	127x127x1270	127x127x1270	127	127	1270
5053942010	RNF-100-3/64-BN-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052874030	RNF-100-3/64-BU-SP	FT	490x490x210	490x490x210	490	490	210
5052872029	RNF-100-3/64-BU-STK	FT	127x127x1270	127x127x1270	127	127	1270
5070014034	RNF-100-3/64-CL-SP	FT	490x490x210	490x490x210	490	490	210
507001M038	RNF-100-3/64-CL-SP-CS5868	FT	490x490x210	490x490x210	490	490	210
CW3362-000	RNF-100-3/64-CL-SP-CS9175	FT	490x490x210	490x490x210	490	490	210
5070012033	RNF-100-3/64-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
CN1085-000	RNF-100-3/64-CL-STK-CS8794	FT	127x127x1270	127x127x1270	127	127	1270
5055184015	RNF-100-3/64-GN-SP	FT	490x490x210	490x490x210	490	490	210
5055182014	RNF-100-3/64-GN-STK	FT	127x127x1270	127x127x1270	127	127	1270
EG0542-000	RNF-100-3/64-GY-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053954012	RNF-100-3/64-OR-SP	FT	490x490x210	490x490x210	490	490	210
5052854030	RNF-100-3/64-RD-SP	FT	490x490x210	490x490x210	490	490	210
5052852029	RNF-100-3/64-RD-STK	FT	127x127x1270	127x127x1270	127	127	1270
5053964008	RNF-100-3/64-VT-SP	FT	490x490x210	490x490x210	490	490	210
EG0543-000	RNF-100-3/64-VT-STK	FT	127x127x1270	127x127x1270	127	127	1270
5052884046	RNF-100-3/64-WH-SP	FT	490x490x210	490x490x210	490	490	210
459730-000	RNF-100-3/64-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
140621-000	RNF-100-3/64-WH-SP-CS5551	FT	490x490x210	490x490x210	490	490	210
5052882045	RNF-100-3/64-WH-STK	FT	127x127x1270	127x127x1270	127	127	1270
F36947-000	RNF-100-3/64-WH-STKCS5321	FT	127x127x1270	127x127x1270	127	127	1270
505288L042	RNF-100-3/64-WH-STKCS7156	FT	127x127x1270	127x127x1270	127	127	1270
5052864031	RNF-100-3/64-YO-SP	FT	490x490x210	490x490x210	490	490	210
5052862030	RNF-100-3/64-YO-STK	FT	127x127x1270	127x127x1270	127	127	1270

505314P512	RNF-100-3/8-A1-BK-30MM	PC		580X380X275	580	380	275
CA8788-000	RNF-100-3/8-BK-1IN	PC		580X380X275	580	380	275
505314P490	RNF-100-3/8-BK-2.5IN	PC		580X380X275	580	380	275
E80801-000	RNF-100-3/8-BK-50MM	PC		580X380X275	580	380	275
CZ2098-000	RNF-100-3/8-BK-556MM	PC		594x394x372			
6060114001	RNF-100-3/8-BK-BULK-SP	FT	490x490x210	490x490x210	490	490	210
540963-000	RNF-100-3/8-BK-FSP	FT		490x490x95	490	490	95
E70690-000	RNF-100-3/8-BK-FSP-CS5004	FT		490x490x95	490	490	95
F11826-000	RNF-100-3/8-BK-FSP-CS7743	FT		490x490x95	490	490	95
EK2003-000	RNF-100-3/8-BK-FSP-CS9200	FT		490x490x95	490	490	95
5053144386	RNF-100-3/8-BK-SP	FT	490x490x210	490x490x210	490	490	210
505314M547	RNF-100-3/8-BKSPCS5004	FT	490x490x210	490x490x210	490	490	210
505314M378	RNF-100-3/8-BK-SP-CS5074	FT	490x490x210	490x490x210	490	490	210
339581-000	RNF-100-3/8-BK-SP-CS7227	FT	490x490x210	490x490x210	490	490	210
CP2329-000	RNF-100-3/8-BK-SP-CS7807	FT	490x490x210	490x490x210	490	490	210
505314J376	RNF-100-3/8-BK-SP-SM	FT	490x490x210	490x490x210	490	490	210
5053142385	RNF-100-3/8-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505314L546	RNF-100-3/8-BK-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
505314L377	RNF-100-3/8-BK-STK-CS7224	FT	254x254x1270	254x254x1270	254	254	1270
C16906-000	RNF-100-3/8-BK-STK-CS7387	FT	254x254x1270	254x254x1270	254	254	1270
E95708-000	RNF-100-3/8-BK-STK-CS7728	FT	254x254x1270	254x254x1270	254	254	1270
5054164023	RNF-100-3/8-BN-SP	FT	490x490x210	490x490x210	490	490	210
533409-000	RNF-100-3/8-BU-FSP	FT		490x490x95	490	490	95
5053174051	RNF-100-3/8-BU-SP	FT	490x490x210	490x490x210	490	490	210
108587-000	RNF-100-3/8-BU-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053172050	RNF-100-3/8-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
5070076141	RNF-100-3/8-CL-1.5IN	PC		580X380X275	580	380	275
5070076143	RNF-100-3/8-CL-2.5IN	PC		580X380X275	580	380	275
911779-000	RNF-100-3/8-CL-FSP	FT		490x490x95	490	490	95
5070074081	RNF-100-3/8-CL-SP	FT	490x490x210	490x490x210	490	490	210
507007M082	RNF-100-3/8-CL-SP-CS5868	FT	490x490x210	490x490x210	490	490	210
394029-000	RNF-100-3/8-CL-SP-CS7312	FT	490x490x210	490x490x210	490	490	210
043300-000	RNF-100-3/8-CL-SP-CS7465	FT	490x490x210	490x490x210	490	490	210

5070072080	RNF-100-3/8-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507007L078	RNF-100-3/8-CL-STK-CS5006	FT	254x254x1270	254x254x1270	254	254	1270
CL4287-000	RNF-100-3/8-CL-STK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
774257-000	RNF-100-3/8-GN-FSP	FT		490x490x95	490	490	95
5054434029	RNF-100-3/8-GN-SP	FT	490x490x210	490x490x210	490	490	210
505443M027	RNF-100-3/8-GN-SP-CS5321	FT	490x490x210	490x490x210	490	490	210
5054432028	RNF-100-3/8-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
5054194017	RNF-100-3/8-GY-SP	FT	490x490x210	490x490x210	490	490	210
5054174014	RNF-100-3/8-OR-SP	FT	490x490x210	490x490x210	490	490	210
505315P086	RNF-100-3/8-RD-30MM	PC		580X380X275	580	380	275
408941-000	RNF-100-3/8-RD-FSP	FT		490x490x95	490	490	95
CU1245-000	RNF-100-3/8-RD-FSP-CS7387	FT		490x490x95	490	490	95
5053154043	RNF-100-3/8-RD-SP	FT	490x490x210	490x490x210	490	490	210
505315M040	RNF-100-3/8-RD-SP-CS5533	FT	490x490x210	490x490x210	490	490	210
329073-000	RNF-100-3/8-RD-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053152042	RNF-100-3/8-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
CX5930-000	RNF-100-3/8-VT-FSP-CS7807	FT		490x490x95	490	490	95
5054184014	RNF-100-3/8-VT-SP	FT	490x490x210	490x490x210	490	490	210
946138-000	RNF-100-3/8-VT-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
A76950-000	RNF-100-3/8-WH-65MM	PC		580X380X275	580	380	275
769283-000	RNF-100-3/8-WH-FSP	FT		490x490x95	490	490	95
187446-000	RNF-100-3/8-WH-FSP-CS5004	FT		490x490x95	490	490	95
5053184075	RNF-100-3/8-WH-SP	FT	490x490x210	490x490x210	490	490	210
CN8371-000	RNF-100-3/8-WH-SP-CS5004	FT	490x490x210	490x490x210	490	490	210
863727-000	RNF-100-3/8-WH-SP-CS5074	FT	490x490x210	490x490x210	490	490	210
505318M076	RNF-100-3/8-WH-SP-CS5321	FT	490x490x210	490x490x210	490	490	210
152573-000	RNF-100-3/8-WH-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053182074	RNF-100-3/8-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
505318L160	RNF-100-3/8-WH-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
CU1870-000	RNF-100-3/8-WH-STK-CS5321	FT	254x254x1270	254x254x1270	254	254	1270
505318L073	RNF-100-3/8-WH-STK-CS5529	FT	254x254x1270	254x254x1270	254	254	1270
798993-000	RNF-100-3/8-WH-STK-CS5551	FT	254x254x1270	254x254x1270	254	254	1270
003347-000	RNF-100-3/8-YO-FSP	FT		490x490x95	490	490	95

5053164200	RNF-100-3/8-YO-SP	FT	490x490x210	490x490x210	490	490	210
214347-000	RNF-100-3/8-YO-SP-CS7554	FT	490x490x210	490x490x210	490	490	210
5053162199	RNF-100-3/8-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
505316L197	RNF-100-3/8-YO-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270
5053444034	RNF-100-3-BK-SP	FT	490x490x210	490x490x210	490	490	210
505344M069	RNF-100-3-BKSPCS5004	FT	490x490x210	490x490x210	490	490	210
505344M031	RNF-100-3-BK-SP-CS5529	FT	490x490x210	490x490x210	490	490	210
5053442033	RNF-100-3-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505344L068	RNF-100-3-BK-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
505344L030	RNF-100-3-BK-STK-CS7224	FT	254x254x1270	254x254x1270	254	254	1270
A87326-000	RNF-100-3-BK-STK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
5053474023	RNF-100-3-BU-SP	FT	490x490x210	490x490x210	490	490	210
5053472022	RNF-100-3-BU-STK	FT	254x254x1270	254x254x1270	254	254	1270
5070134020	RNF-100-3-CL-SP	FT	490x490x210	490x490x210	490	490	210
507013M018	RNF-100-3-CL-SP-CS5006	FT	490x490x210	490x490x210	490	490	210
5070132019	RNF-100-3-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
507013L017	RNF-100-3-CL-STK-CS7250	FT	254x254x1270	254x254x1270	254	254	1270
5053614015	RNF-100-3-GN-SP	FT	490x490x210	490x490x210	490	490	210
5053612014	RNF-100-3-GN-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053454024	RNF-100-3-RD-SP	FT	490x490x210	490x490x210	490	490	210
5053452021	RNF-100-3-RD-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053484022	RNF-100-3-WH-SP	FT	490x490x210	490x490x210	490	490	210
5053482021	RNF-100-3-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053464025	RNF-100-3-YO-SP	FT	490x490x210	490x490x210	490	490	210
5053462024	RNF-100-3-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
131379-000	RNF-100-4.5/1.9-CL-SP	FT	490x490x210	490x490x210	490	490	210
D67400-000	RNF-100-4.5/1.9-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053494030	RNF-100-4-BK-SP	FT					
CP2013-000	RNF-100-4-BK-SP-CS5004	FT					
505349M027	RNF-100-4-BK-SP-CS5529	FT					
5053492029	RNF-100-4-BK-STK	FT	254x254x1270	254x254x1270	254	254	1270
505349L050	RNF-100-4-BK-STKCS5004	FT	254x254x1270	254x254x1270	254	254	1270
A09061-000	RNF-100-4-BK-STK-CS5592	FT	254x254x1270	254x254x1270	254	254	1270

505349L026	RNF-100-4-BK-STK-CS6162	FT	254x254x1270	254x254x1270	254	254	1270
5053524020	RNF-100-4-BU-SP	FT					
5070144011	RNF-100-4-CL-SP	FT					
5070142010	RNF-100-4-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053534026	RNF-100-4-WH-SP	FT					
5053532025	RNF-100-4-WH-STK	FT	254x254x1270	254x254x1270	254	254	1270
5053514018	RNF-100-4-YO-SP	FT					
5053512017	RNF-100-4-YO-STK	FT	254x254x1270	254x254x1270	254	254	1270
339249-000	RNF-100-5/8-BK-SP	FT		490x490x95	490	490	95
065987P003	RNF-100-500/150-2-1.25IN	PC		580X380X275	580	380	275
5057304009	RNF-100-5-BK-SP	M	407x407x 280	407x407x 280	407	407	280
A66551-000	RNF-100-MINI-SPL-1/16-BK	PC		Not Boxed			
A81736-000	RNF-100-MINI-SPL-1/2-BK	PC		Not Boxed			
F75818-000	RNF-100-MINI-SPL-1/4-BK	PC		Not Boxed			
F56629-000	RNF-100-MINI-SPL-1/8-BK	PC		Not Boxed			
E62131-000	RNF-100-MINI-SPL-1-BK	PC		Not Boxed			
E77288-000	RNF-100-MINI-SPL-3/16-BK	PC		Not Boxed			
D42391-000	RNF-100-MINI-SPL-3/32-BK	PC		Not Boxed			
E40866-000	RNF-100-MINI-SPL-3/4-BK	PC		Not Boxed			
D00409-000	RNF-100-MINI-SPL-3/64-BK	PC		Not Boxed			
D12330-000	RNF-100-MINI-SPL-3/8-BK	PC		Not Boxed			
5051514001	RNF-100-NO.300-BK-SP	FT	490x490x210	490x490x210	490	490	210
5050964002	RNF-100-NO.301-BK-SP	FT	490x490x210	490x490x210	490	490	210
9053854002	RNF-100-NO.301-CL-SP	FT	490x490x210	490x490x210	490	490	210
5050154002	RNF-100-NO.302-BK-SP	FT	490x490x210	490x490x210	490	490	210
7655194002	RNF-100-NO.322-BK-SP	FT	490x490x210	490x490x210	490	490	210
4114612001	RNF-100-NO.333-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
EK0732-000	RNF-100-NO.333-CL-STK-CS9219	FT	127x127x1270	127x127x1270	127	127	1270
5906772001	RNF-100-NO.334-CL-STK	FT	127x127x1270	127x127x1270	127	127	1270
EK0731-000	RNF-100-NO.334-CL-STK-CS9219	FT	127x127x1270	127x127x1270	127	127	1270
391163-000	RNF-100-NO.337-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
330665-000	RNF-100-NO.338-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
EK0733-000	RNF-100-NO.338-CL-STK-CS9219	FT	254x254x1270	254x254x1270	254	254	1270

D48425-000	RNF-100-NO.342-CL-STK	FT	254x254x1270	254x254x1270	254	254	1270
A92610-000	RNF-100-TW-5/8-CL-4.3IN	PC		580X380X275	580	380	275

Original Pack Size (Feet) or PC	New Pack size (Feet) or PC	Original MOQ (Feet) or PC	New MOQ (Feet) or PC	Original Pack Size (Metres) or PC	New Pack size (Metres) or PC	Original MOQ (Meters) or PC
250	250	1,250	1,250	381.00	381	1,250.00
125	125	1,250	1,250	381.00	381	1,250.00
2,500	2,500	5,000	5,000	762.00	762	1,524.00
10,000	10,000	30,000	30,000	3,048.00	3,048	9,144.00
400	400	25,200	25,200	121.92	122	7,680.96
250	253	1,829	1,848	76.20	77	557.42
1,500	1,503	6,000	6,010	457.20	458	1,828.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
10,000	10,000	20,000	20,000	20,000	20,000	20,000.00
10,000	10,000	50,000	50,000	50,000	50,000	50,000.00
10,000	10,000	40,000	40,000	40,000	40,000	40,000.00
10,000	10,000	40,000	40,000	40,000	40,000	40,000.00
10,000	10,000	20,000	20,000	20,000	20,000	20,000.00
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	984	1,000	1,000	304.80	305	304.80
1,000	984	1,000	1,000	304.80	305	304.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	1,000	1,000	304.80	305	304.80

3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
3,000	3,002	6,000	6,004	914.40	915	1,828.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	15,000	15,000	15,000	15,000	15,000.00
5,000	5,000	40,000	40,000	40,000	40,000	40,000.00
3,000	3,000	30,000	30,000	30,000	30,000	30,000.00
5,000	5,000	10,000	10,000	10,000	10,000	10,000.00
5,000	5,000	40,000	40,000	40,000	40,000	40,000.00
1,000	1,000	15,000	15,000	15,000	15,000	15,000.00
1,000	1,000	3,000	3,000	3,000	3,000	3,000.00
3,000	3,000	30,000	30,000	30,000	30,000	30,000.00
5,000	5,000	50,000	50,000	50,000	50,000	50,000.00
5,000	5,000	50,000	50,000	50,000	50,000	50,000.00

2,000	2,000	20,000	20,000	20,000	20,000	20,000.00
1,000	1,000	14,000	14,000	14,000	14,000	14,000.00
300	300	3,000	3,000	3,000	3,000	3,000.00
2,500	2,500	30,000	30,000	30,000	30,000	30,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
600	400	3,000	2,000	3,000	2,000	3,000.00
600	400	3,000	2,000	3,000	2,000	3,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
500	300	3,000	1,800	3,000	1,800	3,000.00
600	604	1,200	1,208	182.88	184	365.76
600	604	1,200	1,208	182.88	184	365.76
300	302	5,100	5,134	91.44	92	1,554.48
300	302	5,100	5,134	91.44	92	1,554.48
300	302	5,100	5,134	91.44	92	1,554.48
300	302	5,100	5,134	91.44	92	1,554.48
800	800	800	800	243.84	240	243.84
800	800	800	800	243.84	240	243.84
800	800	800	800	243.84	240	243.84
800	800	800	800	243.84	240	243.84
600	600	1,200	1,201	182.88	183	365.76
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	800	800	243.84	244	243.84
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84

800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84
600	600	6,000	6,004	182.88	183	1,828.80
300	302	5,100	5,131	91.44	92	1,554.48
800	800	5,600	5,600	243.84	244	1,706.88
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	5,600	5,600	243.84	244	1,706.88
800	800	20,000	20,000	243.84	240	6,096.00
5,000	5,000	40,000	40,000	40,000	40,000	40,000.00
5,000	5,000	40,000	40,000	40,000	40,000	40,000.00
2,500	2,500	30,000	30,000	30,000	30,000	30,000.00
600	787	1,200	1,575	182.88	183	365.76
600	600	1,200	1,201	182.88	183	365.76
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84
300	302	5,100	5,131	91.44	92	1,554.48
600	600	1,200	1,201	182.88	183	365.76
600	600	1,200	1,201	182.88	183	365.76
600	600	1,200	1,201	182.88	183	365.76
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84

600	600	1,200	1,201	182.88	183	365.76
300	302	5,100	5,131	91.44	92	1,554.48
300	302	5,100	5,131	91.44	92	1,554.48
800	800	800	800	243.84	244	243.84
800	800	800	800	243.84	244	243.84
20,000	20,000	80,000	80,000	80,000	80,000	80,000.00
15,000	15,000	60,000	60,000	60,000	60,000	60,000.00
10,000	10,000	30,000	30,000	30,000	30,000	30,000.00
10,000	10,000	40,000	40,000	40,000	40,000	40,000.00
500	502	500	502	152.40	153	152.40
10,000	10,000	50,000	50,000	50,000	50,000	50,000.00
20,000	20,000	200,000	200,000	200,000	200,000	200,000.00
5,000	5,000	30,000	30,000	30,000	30,000	30,000.00
10,000	10,000	30,000	30,000	30,000	30,000	30,000.00
10,000	10,000	50,000	50,000	50,000	50,000	50,000.00
2,500	2,500	15,000	15,000	15,000	15,000	15,000.00
5,000	5,000	25,000	25,000	25,000	25,000	25,000.00
500	505	500	505	152.40	154	152.40
500	505	500	505	152.40	154	152.40
500	505	500	505	152.40	154	152.40
500	505	500	505	152.40	154	152.40
500	505	500	505	152.40	154	152.40
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
500	502	5,000	5,020	152.40	153	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
500	502	500	502	152.40	153	152.40
1,000	1,000	1,000	1,000	304.80	305	304.80
25,000	25,000	100,000	100,000	7,620.00	7,620	30,480.00
10,000	10,000	40,000	40,000	40,000	40,000	40,000.00
10,000	10,000	30,000	30,000	30,000	30,000	30,000.00
15,000	15,000	60,000	60,000	60,000	60,000	60,000.00
500	502	500	502	152.40	153	152.40

500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
500	502	5,000	5,020	152.40	153	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
1,000	1,000	5,000	5,000	304.80	305	1,524.00
15,000	15,000	60,000	60,000	60,000	60,000	60,000.00
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
500	502	5,000	5,020	152.40	153	1,524.00
500	502	5,000	5,020	152.40	153	1,524.00
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
500	502	500	502	152.40	153	152.40

500	502	500	502	152.40	153	152.40
500	502	500	502	152.40	153	152.40
1,000	1,000	1,000	1,000	304.80	305	304.80
10,000	10,000	30,000	30,000	30,000	30,000	30,000.00
10,000	10,000	100,000	100,000	100,000	100,000	100,000.00
10,000	10,000	50,000	50,000	50,000	50,000	50,000.00
2,500	2,500	75,000	75,000	762.00	762	22,860.00
1,500	1,506	6,000	6,024	457.20	459	1,828.80
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	6,000	6,024	457.20	459	1,828.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	15,000	15,026	457.20	458	4,572.00
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80

1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
250	250	4,000	4,000	4,000	4,000	4,000
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
125	128	1,000	1,024	38.10	39	304.80
200	200	200	200	60.96	60	60.96
200	197	200	200	60.96	60	60.96
200	200	200	200	60.96	60	60.96
125	128	1,000	1,024	38.10	39	304.80

125	128	125	128	38.10	39	38.10
200	200	200	200	60.96	61	60.96
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
200	200	200	200	60.96	61	60.96
200	200	200	200	60.96	61	60.96
125	128	1,000	1,024	38.10	39	304.80
200	200	1,000	1,000	60.96	61	304.80
125	128	1,000	1,024	38.10	39	304.80
125	128	125	128	38.10	39	38.10
200	200	200	200	60.96	61	60.96
125	128	1,000	1,024	38.10	39	304.80
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
200	200	200	200	60.96	61	60.96
200	200	200	200	60.96	61	60.96
125	128	125	128	38.10	39	38.10
200	200	200	200	60.96	61	60.96
150	151	1,050	1,057	45.72	46	320.04
200	200	1,000	1,000	60.96	60	304.80
150	151	1,050	1,056	45.72	46	320.04
150	151	1,056	1,056	45.72	46	320.04
150	151	1,050	1,056	45.72	46	320.04
200	200	1,000	1,000	60.96	61	304.80
150	151	1,050	1,056	45.72	46	320.04
150	151	1,050	1,056	45.72	46	320.04
200	200	1,000	1,000	60.96	61	304.80
150	151	1,050	1,056	45.72	46	320.04
150	151	1,050	1,056	45.72	46	320.04
200	200	1,000	1,000	60.96	61	304.80
150	151	1,050	1,056	45.72	46	320.04
1,500	1,506	210,000	210,840	457.20	459	64,008
1,500	1,500	12,000	12,000	12,000	12,000	12,000

500	500	3,000	3,000	3,000	3,000	3,000
2,500	2,500	10,000	10,000	10,000	10,000	10,000
500	500	3,500	3,500	3,500	3,500	3,500
200	200	400	400	60.96	61	121.92
250	253	5,000	5,060	76.20	77	1,524.00
250	253	5,000	5,060	76.20	77	1,524.00
250	253	5,000	5,060	76.20	77	1,524.00
250	253	5,000	5,060	76.20	77	1,524.00
300	300	300	300	91.44	90	91.44
300	300	300	300	91.44	90	91.44
300	300	300	300	91.44	90	91.44
300	300	1,200	1,200	91.44	92	365.76
200	200	1,000	1,001	60.96	61	304.80
250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
300	300	300	300	91.44	92	91.44
200	200	200	200	60.96	61	60.96
200	200	1,000	1,001	60.96	61	304.80
200	200	1,000	1,001	60.96	61	304.80
250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
300	300	300	300	91.44	92	91.44
300	300	300	300	91.44	92	91.44
300	300	300	300	91.44	92	91.44
250	253	5,000	5,052	76.20	77	1,524.00
300	300	1,200	1,200	91.44	92	365.76
200	200	1,000	1,001	60.96	61	304.80
300	300	1,200	1,200	91.44	92	365.76
1,500	1,500	10,500	10,500	10,500	10,500	10,500.00
1,500	1,500	10,500	10,500	10,500	10,500	10,500.00
1,000	1,000	5,000	5,000	5,000	5,000	5,000.00
200	200	1,000	1,001	60.96	61	304.80

250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
300	300	300	300	91.44	92	91.44
200	200	1,000	1,001	60.96	61	304.80
250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
250	253	5,000	5,052	76.20	77	1,524.00
300	300	300	300	91.44	92	91.44
300	300	300	300	91.44	92	91.44
200	200	1,000	1,001	60.96	61	304.80
1,000	1,001	5,000	5,003	304.80	305	1,524.00
300	300	300	300	91.44	92	91.44
300	300	300	300	91.44	92	91.44
300	300	300	300	91.44	92	91.44
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48
125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	31	30.48
125	128	125	128	38.10	39	38.10
125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	100	100	100	30.48	31	30.48
125	128	1,000	1,024	38.10	39	304.80
100	100	1,000	1,000	30.48	31	304.80
125	128	1,000	1,024	38.10	39	304.80
125	128	1,000	1,024	38.10	39	304.80
125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	31	30.48

125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	100	100	100	30.48	31	30.48
125	128	125	128	38.10	39	38.10
100	100	100	100	30.48	31	30.48
65,000	65,000	65,000	65,000	19,812.00	19,812	19,812
25,000	25,000	125,000	125,000	125,000	125,000	125,000
10,000	10,000	40,000	40,000	40,000	40,000	40,000
10,000	10,000	30,000	30,000	30,000	30,000	30,000
10,000	10,000	30,000	30,000	30,000	30,000	30,000
1,500	1,503	75,000	75,150	457.20	458	22,860
1,000	1,004	5,000	5,020	304.80	306	1,524
1,000	1,004	1,000	1,004	304.80	306	304.80
1,000	1,004	1,000	1,004	304.80	306	304.80
1,000	1,004	1,000	1,004	304.80	306	304.80
1,000	1,004	1,000	1,004	304.80	306	304.80
1,000	1,004	1,000	1,004	304.80	306	304.80
1,000	1,004	5,000	5,020	304.80	306	1,524
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	984	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,001	5,000	5,003	304.80	305	1,524
1,000	1,000	5,000	5,000	304.80	305	1,524
25,000	25,000	75,000	75,000	75,000	75,000	75,000
1,000	1,001	1,000	1,001	304.80	305	304.80
1,000	1,001	1,000	1,001	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1	3	1	3	0.30	1	0.31
10,000	10,000	30,000	30,000	30,000	30,000	30,000
1,000	1,001	1,000	1,001	304.80	305	304.80
1,000	1,001	1,000	1,001	304.80	305	304.80
1,000	1,001	1,000	1,001	304.80	305	304.80

[illegible]

1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	1,500	1,506	457.20	459	457.20
1,500	1,506	6,000	6,024	457.20	459	1,828.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
2,500	2,500	5,000	5,000	762.00	762	1,524
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524.00
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	6,000	6,010	457.20	458	1,828.80

1,500	1,503	6,000	6,010	457.20	458	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524
25,000	25,000	50,000	50,000	50,000	50,000	50,000
10,000	10,000	20,000	20,000	20,000	20,000	20,000
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,500	1,503	1,500	1,503	457.20	458	457.20
1,500	1,503	1,500	1,503	457.20	458	457.20
1,000	1,000	1,000	1,000	304.80	305	304.80
4,000	4,000	32,000	32,000	32,000	32,000	32,000
5,000	5,000	50,000	50,000	50,000	50,000	50,000
4,000	4,000	40,000	40,000	40,000	40,000	40,000
2,500	2,500	32,500	32,500	32,500	32,500	32,500
2,000	2,000	30,000	30,000	30,000	30,000	30,000
5,000	5,000	50,000	50,000	50,000	50,000	50,000
4,000	4,000	40,000	40,000	40,000	40,000	40,000
2,000	2,000	30,000	30,000	30,000	30,000	30,000
2,500	2,500	25,000	25,000	25,000	25,000	25,000
250	250	6,500	6,500	6,500	6,500	6,500
2,500	2,500	30,000	30,000	30,000	30,000	30,000
400	400	800	800	121.92	122	243.84
250	253	5,000	5,060	76.20	77	1,524
250	253	5,000	5,060	76.20	77	1,524
250	253	5,000	5,060	76.20	77	1,524
250	253	5,000	5,060	76.20	77	1,524
250	253	5,000	5,060	76.20	77	1,524
600	600	600	600	182.88	180	182.88
600	600	600	600	182.88	180	182.88
600	600	600	600	182.88	180	182.88

250	253	5,000	5,052	76.20	77	1,524
400	400	1,200	1,201	121.92	122	365.76
250	253	5,000	5,052	76.20	77	1,524
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
400	400	400	400	121.92	122	121.92
250	253	5,000	5,052	76.20	77	1,524
250	253	5,000	5,052	76.20	77	1,524
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
400	400	5,200	5,203	121.92	122	1,584.96
250	253	5,000	5,052	76.20	77	1,524
600	600	5,400	5,400	182.88	183	1,645.92
250	253	5,000	5,052	76.20	77	1,524
600	600	5,400	5,400	182.88	183	1,645.92
400	400	5,200	5,200	121.92	120	1,584.96
2,500	2,500	22,500	22,500			22,500
400	400	1,200	1,201	121.92	122	365.76
250	253	5,000	5,052	76.20	77	1,524
250	253	5,000	5,052	76.20	77	1,524
600	600	600	600	182.88	183	182.88
400	400	1,200	1,201	121.92	122	365.76
250	253	5,000	5,052	76.20	77	1,524
250	253	5,000	5,052	76.20	77	1,524
250	253	5,000	5,052	76.20	77	1,524
250	253	5,000	5,052	76.20	77	1,524
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
400	400	1,200	1,201	121.92	122	365.76
250	253	5,000	5,052	76.20	77	1,524

250	253	5,000	5,052	76.20	77	1,524
600	600	600	600	182.88	183	182.88
600	600	600	600	182.88	183	182.88
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	984	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	5,000	5,000	304.80	305	1,524
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524
1,000	1,000	5,000	5,000	304.80	305	1,524
3,000	3,002	6,000	6,004	914.40	915	1,828.80
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	6,000	6,004	914.40	915	1,828.80
1,000	1,000	5,000	5,000	304.80	305	1,524
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
3,000	3,002	3,000	3,002	914.40	915	914.40
1,000	1,000	1,000	1,000	304.80	305	304.80

5,000	5,000	50,000	50,000	50,000	50,000	50,000
5,000	5,000	200,000	200,000	200,000	200,000	200,000
2,500	2,500	25,000	25,000	25,000	25,000	25,000
5,000	5,000	30,000	30,000	30,000	30,000	30,000
1,500	1,000	3,000	2,000	3,000	2,000	3,000
500	502	75,000	75,300	152.40	153	22,860
1,200	1,201	1,200	1,201	365.76	366	365.76
1,200	1,201	1,200	1,201	365.76	366	365.76
1,200	1,201	1,200	1,201	365.76	366	365.76
1,200	1,201	1,200	1,201	365.76	366	365.76
400	400	5,200	5,200	121.92	122	1,584.96
400	400	5,200	5,200	121.92	122	1,584.96
400	400	5,200	5,200	121.92	122	1,584.96
400	400	5,200	5,200	121.92	122	1,584.96
400	400	5,200	5,200	121.92	122	1,584.96
400	400	5,200	5,200	121.92	122	1,584.96
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
1,000	1,000	1,000	1,000	304.80	300	304.80
400	400	5,200	5,203	121.92	122	1,584.96
1,200	1,201	1,200	1,201	365.76	366	365.76
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
1,000	1,000	1,000	1,000	304.80	305	304.80
5,000	5,000	40,000	40,000	40,000.00	40,000	40,000
2,500	2,500	25,000	25,000	25,000.00	25,000	25,000
1,200	1,201	1,200	1,201	365.76	366	365.76
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96

1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,200	1,201	6,000	6,004	365.76	366	1,828.80
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
1,000	1,000	5,000	5,000	304.80	305	1,524
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
5,000	5,000	55,000	55,000	55,000.00	55,000	55,000
1,200	1,201	1,200	1,201	365.76	366	365.76
1,200	1,201	1,200	1,201	365.76	366	365.76
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
1,000	1,000	1,000	1,000	304.80	305	304.80
1,200	1,201	6,000	6,004	365.76	366	1,828.80
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
4,000	4,000	24,000	24,000	24,000.00	24,000	24,000
1,200	1,201	1,200	1,201	365.76	366	365.76
1,200	1,201	1,200	1,201	365.76	366	365.76
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
1,200	1,201	1,200	1,201	365.76	366	365.76

400	400	5,200	5,203	121.92	122	1,584.96
400	400	5,200	5,203	121.92	122	1,584.96
1,000	1,000	1,000	1,000	304.80	305	304.80
1,000	1,000	1,000	1,000	304.80	305	304.80
100	102	100	102	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	102	1,000	1,017	30.48	31	304.80
100	100	1,000	1,000	30.48	31	304.80
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	31	30.48
100	102	100	102	30.48	31	30.48
100	100	100	100	30.48	31	30.48
1,000	1,001	15,000	15,010	304.80	305	4,572
5,000	5,000	15,000	15,000	1,524.00	1,524	4,572
75	75	75	75	22.86	23	22.86
75	75	75	75	22.86	23	22.86
75	75	75	75	22.86	23	22.86
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48
100	100	100	100	30.48	30	30.48

100	100	100	100	30.48	30	30.48
75	75	1,050	1,056	22.86	23	320.04
75	75	1,050	1,056	22.86	23	320.04
100	100	1,000	1,000	30.48	31	304.80
75	75	1,050	1,056	22.86	23	320.04
100	100	1,000	1,000	30.48	31	304.80
75	75	1,050	1,056	22.86	23	320.04
100	100	1,000	1,000	30.48	31	304.80
250	604	5,000	5,436	76.20	184	1,524
4,000	4,000	48,000	48,000	48,000.00	48,000	48,000
100	101	100	101	30.00	31	30
5	25	25	25	25.00	25	25
5	25	25	25	25.00	25	25
5	25	25	25	25.00	25	25
5	25	25	25	25.00	25	25
5	25	10	10	10.00	10	10
5	25	25	25	25.00	25	25
5	25	25	25	25.00	25	25
5	25	10	10	10.00	10	10
5	25	25	25	25.00	25	25
5	25	25	25	25.00	25	25
2,000	2,001	6,000	6,003	609.60	610	1,828.80
2,000	2,001	6,000	6,003	609.60	610	1,828.80
2,000	2,001	6,000	6,004	609.60	610	1,828.80
2,000	2,001	6,000	6,003	609.60	610	1,828.80
1,500	1,506	6,000	6,024	457.20	459	1,828.80
5,000	5,000	30,000	30,000	1,524.00	1,524	9,144
5,000	5,000	30,000	30,000	1,524.00	1,524	9,144
5,000	5,000	30,000	30,000	1,524.00	1,524	9,144
5,000	5,000	30,000	30,000	1,524.00	1,524	9,144
10,000	10,000	100,000	100,000	3,048.00	3,048	30,480
7,500	7,500	30,000	30,000	2,286.00	2,286	9,144
7,500	7,500	30,000	30,000	2,286.00	2,286	9,144

12,000	12,000	60,000	60,000	3,657.60	3,658	18,288
1,000	#N/A	25,000	#N/A	25,000.00	#N/A	25,000

New MOQ (Meters if spooled or PCs if cut)
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#N/A



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-012651

PCN Date: 29-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
1337775 - BNC PLUG - BNC PLUG CABLE ASSEMBLY

Description of Changes
PD AND CD 1337775 ADD item 4 TO THE BOM PN:1019696-1 UL-Label form 1-N PPQ50 Ad to the note: 1.Shipping box must be marked with item: Cable assemblies must be manufactured according UL recognized harness ZPFW 2 program. For details see UL file E53799.

Reason for Changes:								
Customer Request. requirements UL								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>20-DEC-2016</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		20-DEC-2016	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	20-DEC-2016							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	No Mixed Shipments							

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1337775-1	NO						

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1337775-1	NO		TYC1337775-1				

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1337775-1	NO		TYC1337775-1				



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: P-16-013888

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
6 POS REC. CONNECTOR

Description of Changes
Dear Customer, we hereby inform you about a tool duplication of an assembly tool for the TE part number 284716-x

Reason for Changes:								
Customer Request.As a result of our continuous strive for capacity increase of our production, we hereby inform you upfront about a new tool, which is under construction In order to meet all specification requirements to cover increasing market demand and which will run in addition to the current one.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>15-DEC-2017</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		15-DEC-2017	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	15-DEC-2017							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	No Mixed Shipments							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
284716-3	NO						
284716-4	NO						
284716-6	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
284716-3	NO		TYC284716-3				
284716-4	NO		TYC284716-4				
284716-6	NO		TYC284716-6				

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
284716-3	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
284716-3	NO						

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
284716-3	NO		TYC284716-3				
284716-4	NO		TYC284716-4				



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-016232

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMP MCP 1.5K Product Group drawing

Description of Changes
Drawing change only, Drawing adapted to as-is status e.g. crimp dimensions at column LENGTH adapted. Category affected SINGLE WIRE SEAL PN 1534162-1, 1241380-1, 1241380-2, 1241380-3, 1-1241380-2, 1241378-1, 1241378-2, 1241378-3, 1534160-1, 1564324-1, 1564324-2, 1564324-3

Reason for Changes:	
Manufacturing / Process Requirements. Drawing adaptation	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241436	1241380-1, 1241372-1, 1418884-1	TYC1241372-1	B19	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241436	1241372-1	TYC1241372-1	B19	

Customer: TTI (MC)(2922321)

Location: Pointe-Claire

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241436	1418884-1		B19	

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241436	1241380-1		B19	

Customer: TTI Inc(2922318)

Location: Tustin

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1241436	1418884-1		B19	



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: P-16-013868

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
CONTACT FEMALE, 0.64 SILVER PLATE GENERATION Y

Description of Changes
TE Connectivity (TE) would like to inform our customers that we are increasing global production capacity of the Generation Y receptacles. This increased production is to support global demand requirements. There is no change to the product form, fit or function. This is just new duplicate tooling to produce additional product for the part numbers listed below. This new tools will be located in TE Oostkamp. Samples and PPAP submission is currently available.

Reason for Changes:								
Customer Request.Increased capacity to support the global demand of the Generation Y receptacles. NOTE SE: QDBLOCK NOT REQUIRED.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>19-DEC-2016</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		19-DEC-2016	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	19-DEC-2016							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	No Mixed Shipments							

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1456968-1	NO						

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1456968-1	NO						

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1456968-1	NO						



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-016204

PCN Date: 19-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
DEUTSCH DRC, HDP, DT Backshells

Description of Changes				
Change from using a humidification chamber to spraying small amount (spritz) of water inside the packaging before shipment to put moisture into the backshells. Also, there will be a plastic bag inside the box to retain the moisture. See attached before and after photos.				
<table border="1"><tr><td>Before</td><td>After</td></tr><tr><td> </td><td> </td></tr></table>	Before	After	 	
Before	After			

Reason for Changes:
Dear customer, we are contacting you to notify you of a process change to the way we add moisture to the backshells. The new process will add a small amount of water using

a spray bottle to spritz the parts inside the packaging. This change does not affect part fit, form or function. Shipment of both versions may be mixed. IMPORTANT: This is a continual improvement so the current and previous revisions of these parts can be used interchangeably in the field. This change is being phased in gradually and previous revision can remain stocked until use. The product drawings are not affected.	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	28-FEB-2017
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	31-DEC-2020

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
0528-001-5005	NO			"ZPF000000000131513", "0528-001-5005-AS", "0528-001-5005-LD", "0528-001-5005-LS", "0528-001-5005-L", "0528-001-5005-E"			
0528-002-6005	NO			"ZPF000000000131514", "0528-002-6005-LD", "0528-002-6005-LS", "0528-002-6005-L", "5-1899776-5"			
2428-004-2405	NO			"ZPF000000000131575", "2428-004-2405-AS", "2428-004-2405-MS", "2428-004-2405-M"			

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
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0528-001-5005	NO			"ZPF000000000131513", "0528-001-5005-AS", "0528-001-5005-LD", "0528-001-5005-LS", "0528-001-5005-E", "0528-001-5005-L"			
0528-002-6005	NO			"ZPF000000000131514", "0528-002-6005-LD", "0528-002-6005-LS", "5-1899776-5", "0528-002-6005-L"			
2428-004-2405	NO			"ZPF000000000131575", "2428-004-2405-AS", "2428-004-2405-MS", "2428-004-2405-M"			



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016836

PCN Date: 29-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
PLUG ASSEMBLY, 10 POSITION (2x5), SEALED, GENERATION Y

Description of Changes
New part number 4-2098269-7 being added for new pin out configuration and key D. Updating Key D color to be GREEN to match USCAR drawing.

Reason for Changes:						
Customer Request. Customer request for new pin out configuration and new key.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2098269	3-2098269-8		B6	

Customer: TTI Electroncis Asia Pte LTD(3055204)

Location: Seoul

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2098269	3-2098269-8		B6	



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016851

PCN Date: 29-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
POSITIVE LOCK HOUSING FOR MKI TERMINAL

Description of Changes
The drawings for the listed part numbers have been modified for clarification; Before Rib may extend to front of housing After Rib will extend to front of housing for Brazil production

Reason for Changes:						
Manufacturing / Process Requirements.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	154719-5, 154719-1, 1-154719-1, 1-154719-0	TYC1-154719-0	AV4	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	1-154719-0	TYC1-154719-0	AV4	

Customer: TTI Electronics Asia Pte Ltd.(2771300)

Location: Singapore

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	154719-1, 1-154719-1		AV4	

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	154719-5		AV4	

Customer: TTI Inc(1281288) **Location:** Fort Worth **Agreement Number:** Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	1-154719-0		AV4	

Customer: TTI Electronics Asia Pte Ltd.(2771300) **Location:** Singapore **Agreement Number:** Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
154719	154719-1, 1-154719-1		AV4	



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-015511

PCN Date: 21-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
KIT, HDE TOOL

Description of Changes
OBSOLETE

Reason for Changes:	
Discontinuance. NO SALES	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
01-MAY-2017	
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
31-MAY-2017	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
91289-2	YES			"917356-000", "AMPS-0-0091289-2"			

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
91289-2	YES		TYC91289-2	"917356-000", "AMPS-0-0091289-2"			



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016588

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMPMODU II VERTICAL RECEPTACLES - GPL 281

Description of Changes
The following part numbers are being obsoleted (obsolete status). A last time buy opportunity is provided as per the dates stated thereafter. Please note that new conditions may apply, please contact your local customer sales representative for a quotation

Reason for Changes:								
Discontinuance. Dear customer, You are receiving this notice because TE Connectivity has record of you purchasing a part or multiple parts in the list below. Within our continued efforts to optimize/ manage our product portfolio throughout the lifecycle, we have made the decision to obsolete the parts stated thereafter								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>30-MAY-2017</td><td></td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td>30-JUN-2017</td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	30-MAY-2017		Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):	30-JUN-2017	No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
30-MAY-2017								
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
30-JUN-2017	No Mixed Shipments							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
215315-4	YES						
215315-7	YES						
3-829095-2	YES						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
215315	215315-4	TYC215315-4	E	
829095	3-829095-2	TYC3-829095-2	D	

Customer: TTI Inc.(1305175)**Location:** Maisach-Gernlinden**Agreement Number:** TTI001**Part Number(s) being Modified:**

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
215315-4	YES		TYC215315-4				
215315-7	YES		TYC215315-7				
3-829095-2	YES		TYC3-829095-2				

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
215315	215315-4	TYC215315-4	E	
829095	3-829095-2	TYC3-829095-2	D	

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
215315-4	YES		TYC215315-4				
215315-7	YES		TYC215315-7				



Product Change Notification

Current Date: 23-Nov-2016

TE Connectivity

Product Change Notification: E-16-016231

PCN Date: 22-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMPMODU II VERTICAL RECEPTACLES

Description of Changes
The following part numbers are being obsoleted (obsolete status). A last time buy opportunity is provided as per the dates stated thereafter. Please note that new conditions may apply, please contact your local customer sales representative for a quotation

Reason for Changes:								
Discontinuance. Dear customer , You are receiving this notice because TE Connectivity has a record of you purchasing a part or multiple parts on the list below. With our continued efforts to manage/optimize our product portfolio throughout the lifecycle, we have made the decision to obsolete the parts stated thereafter								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>25-MAY-2017</td><td></td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td>25-JUN-2017</td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	25-MAY-2017		Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):	25-JUN-2017	No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
25-MAY-2017								
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
25-JUN-2017	No Mixed Shipments							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-147102-6	YES						
1-147102-0	YES				6-147102-0		RoHS compliant part

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
147102	1-147102-0	TYC1-147102-0	N7	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-147102-0	YES		TYC1-147102-0		6-147102-0		RoHS compliant part
5-147102-6	YES		TYC5-147102-6				

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
147102	1-147102-0	TYC1-147102-0	N7	

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
5-147102-6	YES		TYC5-147102-6				



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-015135

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
CPC Connectors

Description of Changes
Customer drawing 213864 is being revised to show part number 213864-4 obsolete. Customer drawing 206151 is being revised to show 206151-6 obsolete. No other changes are being made to these customer drawings.

Reason for Changes:						
Discontinuance. Part numbers 213864-4 and 206151-6 are being discontinued.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
206151	206151-3, 206151-1	TYC206151-1	M	
213864	213864-1		C	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
206151	206151-1	TYC206151-1	M	

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
206151	206151-3		M	

Customer: Tti Inc(3065672)

Location: Fort Worth

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
213864	213864-1		C	

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
206151	206151-1		M	

Customer: TTI(3075935)

Location: Eden Prairie

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
213864	213864-1		C	

Customer: TTI Electronics Asia Pte Ltd.(2771300)

Location: Singapore

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
206151	206151-1		M	



Product Change Notification

Current Date: 21-Nov-2016

TE Connectivity

Product Change Notification: E-16-015265-C

PCN Date: 18-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
HTS products, GPL890

Description of Changes
Discontinuance

Reason for Cancellation:
Dear Customer, You are receiving this notice to inform you that notification E-16-015265 is related to changes on the documents only. It does not affect the form, fit or function of the HTS products, or their availability for purchase. Notification about further changes related to the optimization of our product portfolio will be communicated subsequently.

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Note: This PCN contains only document changes, these changes do not affect the form, fit or function of the parts referenced.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1105100	1-1105100-1, 4-1105100-1	TYC1-1105100-1	J5	
1105101	1-1105101-1, 2-1105101-1	TYC1-1105101-1	J5	
1105251	1-1105251-1		A3	
1105300	1-1105300-1	TYC1-1105300-1	H2	
1105301	1-1105301-1	TYC1-1105301-1	G2	
1106411	1106411-1		D2	
1106419	1106419-1	TYC1106419-1	A12	
1106425	1106425-1	TYC1106425-1	B4	
1106430	1106430-1, 1-1106430-0	TYC1-1106430-0	A24	
1106434	1-1106434-6	TYC1-1106434-6	A17	
1106443	1106443-1	TYC1106443-1	A2	
1106445	1106445-2	TYC1106445-2	A5	
1106446	1106446-3	TYC1106446-3	A6	
1106452	1-1106452-7	TYC1-1106452-7	A19	
1106460	1106460-2	TYC1106460-2	A4	
1106461	1106461-2	TYC1106461-2	A19	
1106465	1-1106465-2	TYC1-1106465-2	A9	
1106470	1-1106470-9	TYC1-1106470-9	A16	
1106472	1106472-1	TYC1106472-1	A3	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order

Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1105100	1-1105100-1	TYC1-1105100-1	J5	
1105101	1-1105101-1	TYC1-1105101-1	J5	
1105251	1-1105251-1		A3	
1105300	1-1105300-1	TYC1-1105300-1	H2	
1105301	1-1105301-1	TYC1-1105301-1	G2	
1106419	1106419-1	TYC1106419-1	A12	
1106425	1106425-1	TYC1106425-1	B4	
1106430	1-1106430-0	TYC1-1106430-0	A24	
1106434	1-1106434-6	TYC1-1106434-6	A17	
1106443	1106443-1	TYC1106443-1	A2	
1106445	1106445-2	TYC1106445-2	A5	
1106446	1106446-3	TYC1106446-3	A6	
1106452	1-1106452-7	TYC1-1106452-7	A19	
1106460	1106460-2	TYC1106460-2	A4	
1106461	1106461-2	TYC1106461-2	A19	
1106465	1-1106465-2	TYC1-1106465-2	A9	
1106470	1-1106470-9	TYC1-1106470-9	A16	
1106472	1106472-1	TYC1106472-1	A3	

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1105100	4-1105100-1		J5	
1105101	2-1105101-1		J5	
1106411	1106411-1		D2	
1106430	1106430-1		A24	
1106445	1106445-2		A5	



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: P-16-013869

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
New tool for Plunger on EVC500 contactor

Description of Changes
Vendor has to use a new workstation to create plunger component for the EVC500 contactor. A new component part number will be created (P/N 2312437-1) for this.

Reason for Changes:								
Part status change.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>28-NOV-2016</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		28-NOV-2016	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	28-NOV-2016							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	No Mixed Shipments							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2098190-1	NO						

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2098190-1	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2098190-1	NO						



Product Change Notification

Current Date: 21-Nov-2016

TE Connectivity

Product Change Notification: P-16-013871

PCN Date: 18-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
TIMER CONTACT (LP)

Description of Changes
Obsolete Loose piece terminals - The following part numbers are being discontinued (obsolete status). If there are suggested TE Connectivity substitute part numbers or alternate part numbers, they are shown below with any significant differences described. Please verify all substitute or alternate part numbers provided are suitable for your specific application. Drawings are available via TE.com. Other attachments: PCN template TIMER CONTACT

Reason for Changes:
Part status change.Discontinuance.
Estimated Dates:
Last Order Date (Obsolete Parts Only):
First Date To Ship (Changed Parts Only):

18-FEB-2017	
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
18-MAY-2017	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-929940-1	YES						
2-929930-1	YES						
927776-3	YES						
927776-6	YES						
927777-1	YES						
927779-1	YES						
927779-3	YES						
927780-1	YES						
927783-1	YES						
929929-1	YES						
929930-1	YES						
929938-1	YES						
929938-3	YES						
929942-1	YES						
964281-2	YES						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
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1355046-DBAG (Customer Restricted)	2-929930-1, 929938-1, 929938-3		AG7	
1355046-MAN (Customer Restricted)	2-929930-1, 929938-1, 929938-3		A3	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-929940-1	YES		TYC1-929940-1				
2-929930-1	YES						
927776-3	YES		TYC927776-3				
927776-6	YES		TYC927776-6				
927777-1	YES		TYC927777-1				
927779-1	YES		TYC927779-1				
927779-3	YES		TYC927779-3				
927780-1	YES		TYC927780-1				
929929-1	YES		TYC929929-1				
929930-1	YES		TYC929930-1				
929938-1	YES		TYC929938-1				
929938-3	YES		TYC929938-3				
929942-1	YES		TYC929942-1				
964281-2	YES		TYC964281-2				

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1355046-DBAG (Customer Restricted)	2-929930-1		AG7	
1355046-MAN (Customer Restricted)	2-929930-1		A3	

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
927783-1	YES						
929930-1	YES						
929938-3	YES						
929942-1	YES						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1355046-DBAG (Customer Restricted)	929938-3		AG7	
1355046-MAN (Customer Restricted)	929938-3		A3	

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
927779-1	YES		TYC927779-1				
927779-3	YES		TYC927779-3				
927780-1	YES		TYC927780-1				
929929-1	YES		TYC929929-1				

Customer: TTI(3075935)

Location: Eden Prairie

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
929938-1	YES						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
1355046-DBAG (Customer Restricted)	929938-1		AG7	
1355046-MAN (Customer Restricted)	929938-1		A3	



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-015357

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AMPLIMITE Jackscrew, 4-40 Thread

Description of Changes
Replacing current coating with a black zinc flake coating.

Reason for Changes:								
Product Improvement. Quality issues with the current coating chipping resulting in high manufacturing cost, customer returns, and late deliveries.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>30-JAN-2017</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>30-APR-2017</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		30-JAN-2017	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		30-APR-2017
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	30-JAN-2017							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	30-APR-2017							

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO						

Customer Drawing(s) Being Modified:

Customer: TTI Inc.(1305175) **Location:** Maisach-Gernlinden **Agreement Number:** TTI001

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO		TYC748627-2				

Customer Drawing(s) Being Modified:

Customer:	TTI Inc(168830)	Location:	Fort Worth	Agreement Number:	Agreement Unknown
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Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO						

Customer: Tti Inc(3065242)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
748627	748627-2		P	

Customer: Tti Inc(3065672)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
748627	748627-2		P	

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
748627-2	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
748627	748627-2		P	



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: P-16-013867

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Contact, Female 0.64, 20-22awg

Description of Changes
Additional capacity coming from TE-Belgium. Shipments to customers in North America region can be sourced from TE-Belgium production, in addition to TE-NA production.

Reason for Changes:						
Product improvement.Added capacity source for North America customers.						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>No Mixed Shipments</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		No Mixed Shipments
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					
	No Mixed Shipments					

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2035334-1	NO						
2035334-3	NO						

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2035334-1	NO						
2035334-3	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2035334-1	NO						
2035334-3	NO						



Product Change Notification

Current Date: 21-Nov-2016

TE Connectivity

Product Change Notification: E-16-015070

PCN Date: 18-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
FOKIT FULLAXS BULKHEAD ASSEMBLY

Description of Changes
Change the O-ring color to be red.

Reason for Changes:	
Product Improvement. Better visual sense to check if O-ring is missed before installation.	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	25-DEC-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	25-JAN-2017

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2061433-1	NO			"CS5586-000", "AMP-00-2061433-1"			
2061433-2	NO						
2061433-3	NO						
2061433-4	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2061433-1	NO			"CS5586-000", "AMP-00-2061433-1"			

Customer: TTI Electronics Asia Pte Ltd.(2771300)

Location: Singapore

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2061433-1	NO			"CS5586-000", "AMP-00-2061433-1"			
2061433-2	NO						
2061433-3	NO						

2061433-4	NO						
---------------------------	----	--	--	--	--	--	--



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016200

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
LGH Lead assemblies

Description of Changes
Replace ferrule with red color applied with ferrule with no color. The ferrule is not visible in the lead assembly because it is covered with heat shrink and the color is not required for the assembly process

Reason for Changes:								
Product Improvement.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>16-FEB-2017</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>29-DEC-2017</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		16-FEB-2017	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		29-DEC-2017
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	16-FEB-2017							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	29-DEC-2017							

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-846938-3	NO						
2-848076-2	NO						
447671-2	NO						
849103-5	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-846938-3	NO		TYC1-846938-3				
2-848076-2	NO		TYC2-848076-2				
447671-2	NO		TYC447671-2				
849103-5	NO		TYC849103-5				

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-846938-3	NO						
2-848076-2	NO						

849103-5	NO						
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Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: TTI002

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-846938-3	NO						
2-848076-2	NO						
849103-5	NO						



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: P-16-013889

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Micro K THT/THR relays

Description of Changes	
Introduction of an offline riveting machine to allow the production of relays with offline riveted springs in all lines	
Machine view	

Reason for Changes:
Product improvement.To get more flexibility in the production lines and output of the affected part numbers
Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	13-JAN-2017
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	17-FEB-2017

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-1414760-0	NO			"V23086-C1021-A502-EV-USBX"			
2-1414987-3	NO						
8-1416000-7	NO			"V23086-C1021-A502"			

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
8-1416000-7	NO		TYC8-1416000-7	"V23086-C1021-A502"			

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
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1-1414760-0	NO			"V23086-C1021-A502-EV-USBX"			
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Customer: TTI (OR)(2922319)

Location: Beaverton

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2-1414987-3	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-1414760-0	NO			"V23086-C1021-A502-EV-USBX"			

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
8-1416000-	NO		TYC8-1416000-7	"V23086-C1021-			

7				A502"			
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Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-015863

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Ocean Applicator

Description of Changes
Shear insert changed

Reason for Changes:	
Product Improvement.	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	22-DEC-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151032-2	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151032-2	NO		TYC2151032-2				

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151032-2	NO						

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151032-2	NO		TYC2151032-2				



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-016218

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Ocean Applicator

Description of Changes
Strip guide plate changed.

Reason for Changes:	
Product Improvement.	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	22-DEC-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151965-1	NO						

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151965-1	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151965-1	NO						



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: E-16-016256

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
Ocean Applicator

Description of Changes
Shear insert changed.

Reason for Changes:	
Product Improvement.	
Estimated Dates:	
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
	16-DEC-2016
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151034-2	NO						

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151034-2	NO						

Customer: TTI Electronics Asia Pte Ltd.(2771300)

Location: Singapore

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151034-2	NO						

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151034-2	NO						



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016582

PCN Date: 29-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
ocean applicator

Description of Changes
2151188 snail cam part number changed to a smaller increment snail cam. If customer can achieve desired result for insulation crimp height, there is no need to modify their applicator.

Reason for Changes:								
Product Improvement.								
Estimated Dates:								
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>30-NOV-2016</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr><tr><td></td><td>05-DEC-2016</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		30-NOV-2016	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):		05-DEC-2016
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):							
	30-NOV-2016							
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):							
	05-DEC-2016							

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151188-1	NO						

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151188-1	NO		TYC2151188-1				

Agreement Number: Agreement Unknown

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2151188-1	NO		TYC2151188-1				



Product Change Notification

Current Date: 21-Nov-2016

TE Connectivity

Product Change Notification: E-16-016135

PCN Date: 17-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
USB connector

Description of Changes
change the material for the main shell of USB connector,from phosphor bronze to stainless steel This change is considered by TE Connectivity as a; . Location of change, see This change is considered by TE Connectivity as a; . Location of change, see

Reason for Changes:						
Product Improvement. change the material for the shell of USB connector,because the lead time was so long for phosphor bronze, for the supply chain problems, we need to look for a new material ,replace the material , the mechanical performance of stainless steel was better , and the lead time was acceptable,we had did some related test for the new material , it can pass the specification						
Estimated Dates:						
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr><tr><td></td><td>31-MAR-2017</td></tr><tr><td>Last Ship Date (Obsolete Parts Only):</td><td>Last Date for Mixed Shipments: (Changed Parts Only):</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):		31-MAR-2017	Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):					
	31-MAR-2017					
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):					

No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-292303-1	NO						
292303-7	NO						

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-292303-1	NO						
292303-7	NO		TYC292303-7				

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-292303-1	NO						
292303-7	NO		TYC292303-7				



Product Change Notification

Current Date: 18-Nov-2016

TE Connectivity

Product Change Notification: P-16-013864

PCN Date: 16-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
AUT - Cover Cap 2 posn.

Description of Changes
Include feature for to better injection process.
Other attachments:
PN 880810 - Details about information

Reason for Changes:		
Product improvement.Dear Customer, we hereby inform you about a change of design on product PN 880810 for to better injection process. Please see attachment in this document for more details and information. In case of any specific requirements or need for further information we request you to contact your responsible TE Sales Contact within 14 calendar days after receipt of this PCN.		
Estimated Dates:		
<table border="1"><tr><td>Last Order Date (Obsolete Parts Only):</td><td>First Date To Ship (Changed Parts Only):</td></tr></table>	Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):
Last Order Date (Obsolete Parts Only):	First Date To Ship (Changed Parts Only):	

	28-FEB-2017
Last Ship Date (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
	No Mixed Shipments

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
880810-1	NO			"CM8393-000", "AMP-0-0880810-1"			

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
880810	880810-1	TYC880810-1	B1	

Customer: TTI Inc.(1305175)

Location: Maisach-Gernlinden

Agreement Number: TTI001

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
880810-1	NO		TYC880810-1				

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
880810	880810-1	TYC880810-1	B1	

Customer: TTI Inc(168830)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
880810-1	NO			"CM8393-000", "AMP-0-0880810-1"			

Customer: TTI Inc(1281288)

Location: Fort Worth

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
880810-1	NO						

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
880810	880810-1		B1	

Customer: TTI Inc.(3057778)

Location: Olching

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
880810-1	NO		TYC880810-1	"CM8393-000", "AMP-0-0880810-1"			



PN 880810-1/-2

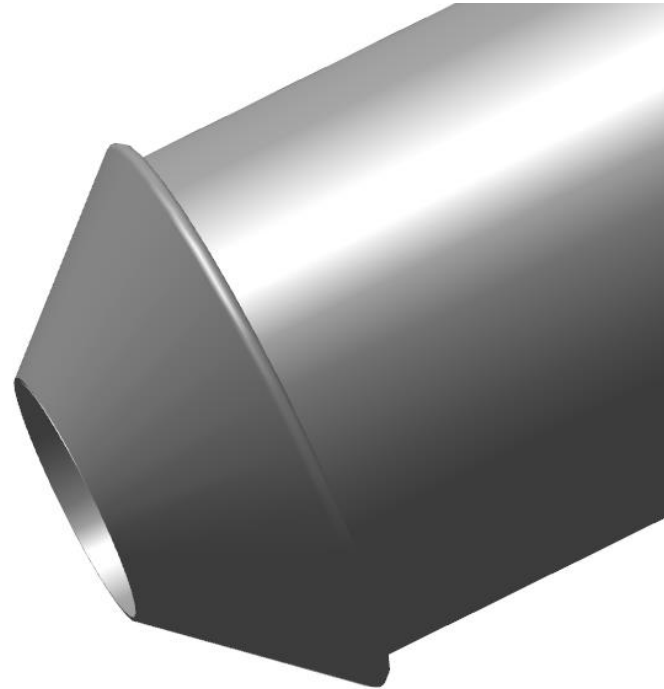
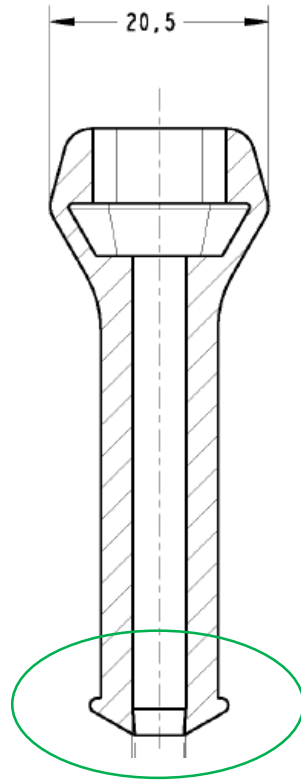
Change design.



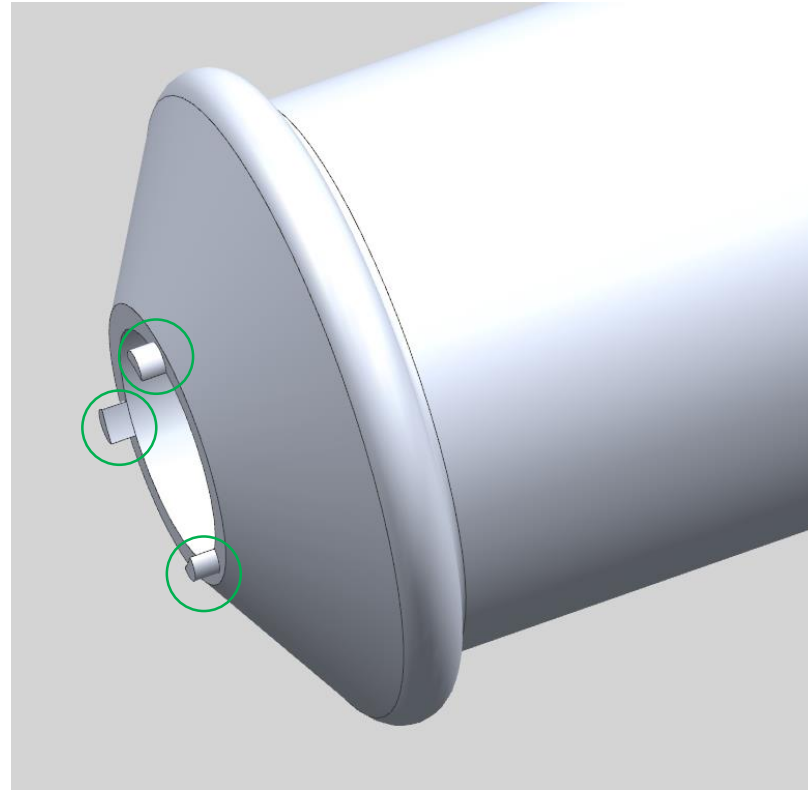
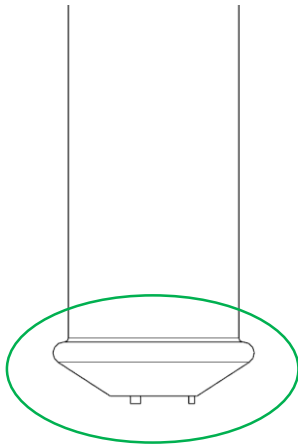
EVERY CONNECTION COUNTS



Currently design



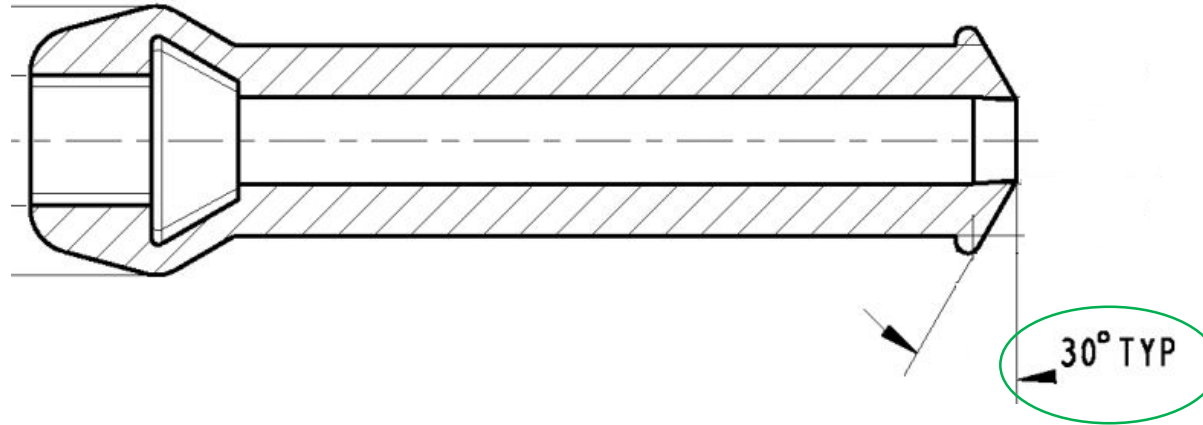
Proposal design



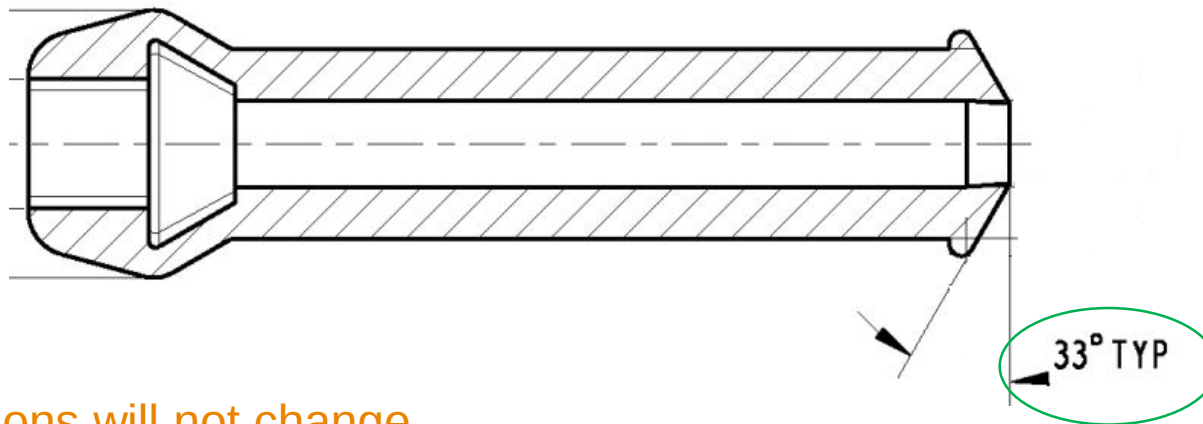
In detail marked in green, we are adding this featured (injection point) for to better injection process.

Proposal design

From:



To:



The other dimensions will not change.



Product Change Notification

Current Date: 30-Nov-2016

TE Connectivity

Product Change Notification: E-16-016698

PCN Date: 28-NOV-16

Customer: TTI Inc(0000139702)

Location: WORLDWIDE

Agreement: Agreement Unknown

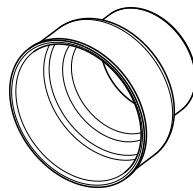
TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:
HVP-800, 180DEG, 16mm2

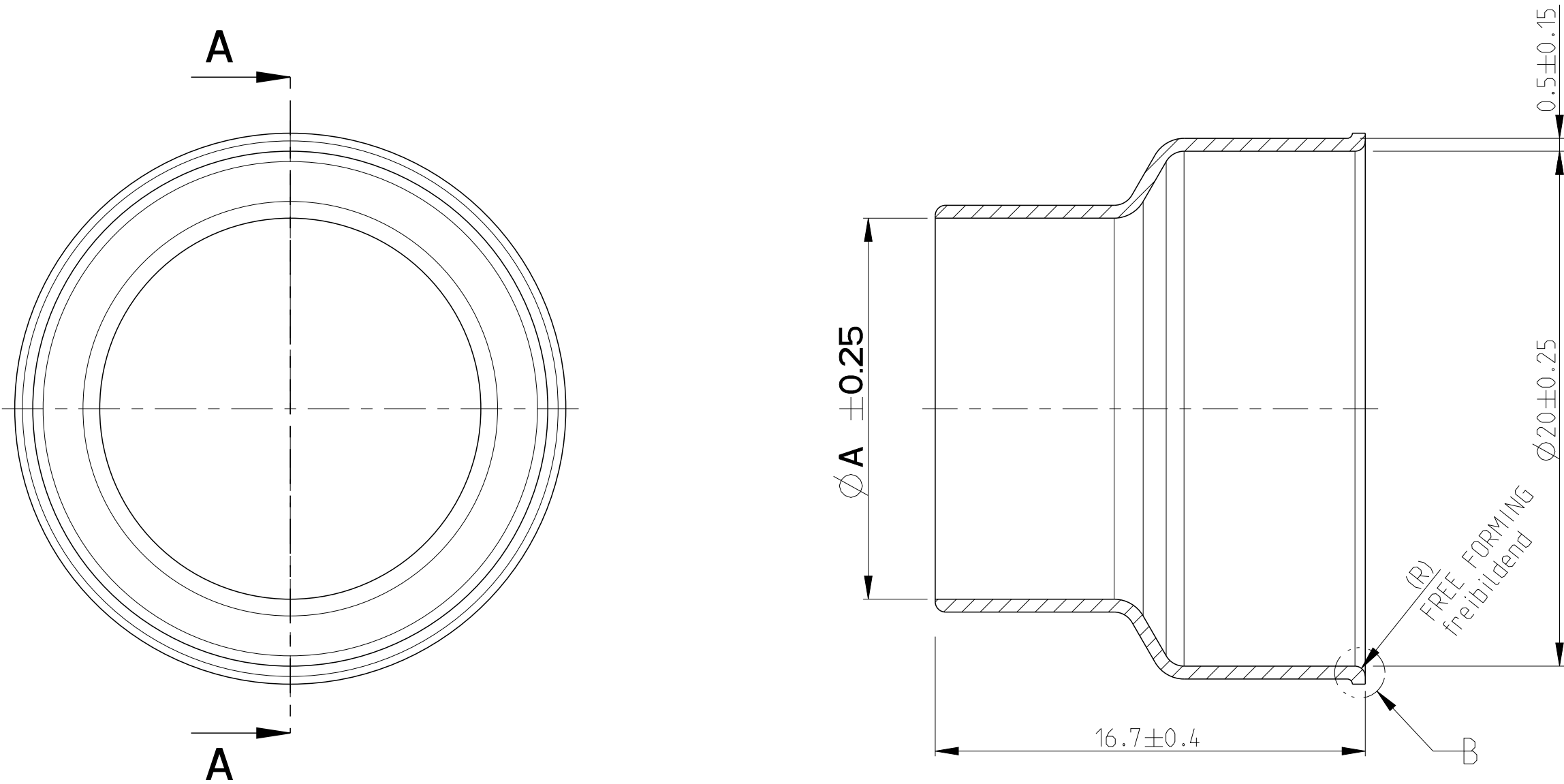
Description of Changes
New variant 0-2177090-4 added. Drawings updated for PNs 2177090 and c-2177090. This change is considered by TE Connectivity as a; . Location of change, see
Other attachments:
2177090-c-OLD
2177090-c-NEW

Reason for Changes:
Product Improvement. Product Improvement
Estimated Dates:
Last Order Date (Obsolete Parts Only):
First Date To Ship (Changed Parts Only):

LOC	DIST	REVISIONS				
		ÄNDERUNGEN		DATE	DWN	APVD
PROJEKT NR.:	-	P	LTR	DESCRIPTION BESCHREIBUNG		
		A1		Sht 1: Detail B added, sht 2: detail A added.	12FEB2015	JTO DHV



1:1

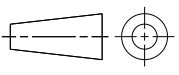


NOTES:

Bemerkungen:

- 1 ONLY THE GERMAN LANGUAGE IS AUTHORITATIVE
Maßgebend ist der deutsche Text
- 2 PACKAGING: BULK PACKAGING IN SHIPPING BOX
Verpackung: Schuetttgut in Versandkarton

0-2177090-3	A	SHIELD CRIMP FERRULE Schirm Crimphuelse	12.5	25	STAINLESS STEEL 1.4301 Edelstahl 1.4301	4	BLANK blank
0-2177090-2	A		14.8	35			
0-2177090-1	A		16.2	50			
TE-ORDER-NO. TE-Bestell-Nr.	REV	DESCRIPTION Benennung	DIMENSION A Mass A	FOR / fuer WIRE SIZE [MM ²] Leitungsquers. [mm ²]	MATERIAL	WEIGHT [G] Gewicht [g]	SURFACE Oberflaeche

PRODUCT CHARACTERISTICS ACC. QMP EMEA_12 BESONDERE MERKMALE NACH QMP EMEA_12		TOLERANCING ISO 8015 TOLERIERUNG ISO 8015					
THIS DRAWING IS A CONTROLLED DOCUMENT. DIESES ZEICHNUNGSDOKUMENT WIRD DURCH AMP INCORPORATED KONTROLLIERT. ÄNDERUNGEN, DIE DEM TECHNISCHEN FORTSCHRITT DIENEN, SIND VORBEHALTEN. DEN JEWELIS LETZTGÜLTIGEN ÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.		DWN I.Salman	06MAY2011	 TE Connectivity			
		CHK U.Hoepfner	09MAY2011				
DIMENSIONS: MASSEINHEITEN: [mm]		APVD D.H.VU	09MAY2011	NAME SHIELD CRIMP FERRULE Schirm Crimphuelse			
		PRODUCT SPEC PRODUKTSPEZ.		SIZE A2			
		APPLICATION SPEC VERARBEITUNGSSPEZ.					
MATERIAL		WEIGHT GEWICHT	-	CAGE CODE 100779	DRAWING NO. ZEICHNUNGS-NR. C-2177090	RESTRICTED TO NUR FÜR -	
-		Customer Drawing		/KUNDENZEICHNUNG		SCALE MASSSTAB 5:1	SHEET BLATT 1 OF VON 2 REV A1

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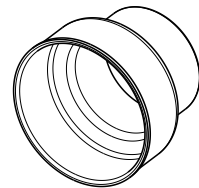
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LOC		DIST		REVISIONS						
A1		-		ÄNDERUNGEN		DESCRIPTION		DATE	DWN	APVD
				P	LTR	BESCHREIBUNG				
PROJEKT NR.:			-	SEE SHEET 1				-	-	-

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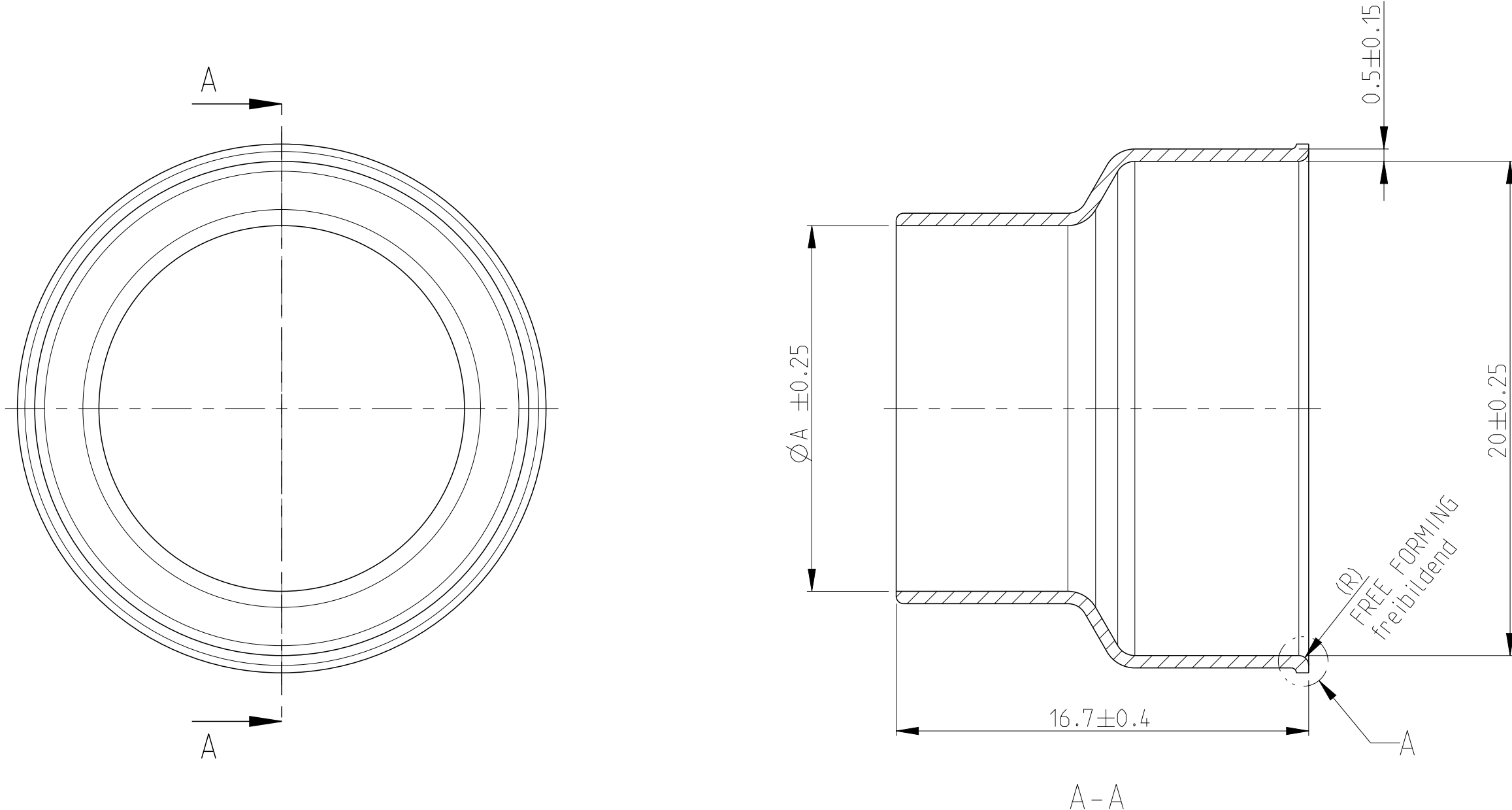


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NOTES:

Bemerkungen:

- 1 ONLY THE GERMAN LANGUAGE IS AUTHORITATIVE
Maßgebend ist der deutsche Text
- 2 PACKAGING: BULK PACKAGING IN SHIPPING BOX
Verpackung: Schüttgut in Versandkarton

NOTE Bem.	FEATURE Merkmal
3	PRODUCT-SPEC. 108-94297 Produkt-Spez.
4	APPLICATION-SPEC. 114-94130 Verarbeitungs-Spez.

9-2177090-3	1	SHIELD CRIMP FERRULE Schirm Crimphuelse	12.5	25	STAINLESS STEEL 1.4301 Edelstahl 1.4301	4	BLANK blank
9-2177090-2	1		14.8	35			
9-2177090-1	1		16.2	50			
TE-ORDER-NO. TE-Bestell-Nr.	REV	DESCRIPTION Benennung	DIMENSION A Mass A	FOR / fuer WIRE SIZE [MM ²] Leitungsquers. [mm ²]	MATERIAL	WEIGHT [G] Gewicht [g]	SURFACE Oberflaeche

PRODUCT CHARACTERISTICS ACC. QMP EMEA_12 BESONDERE MERKMALE NACH QMP EMEA_12		TOLERANCING ISO 8015 TOLERIERUNG ISO 8015		TE TE Connectivity											
THIS DRAWING IS A CONTROLLED DOCUMENT. DIESES ZEICHNUNGSDOKUMENT WIRD DURCH AMP INCORPORATED KONTROLLIERT. ÄNDERUNGEN, DIE DEM TECHNISCHEN FORTSCHRITT DIENEN, SIND VORBEHALTEN. DEN JEWELN LETZTGÜLTIGEN ÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.		DWN I.Salman 06MAY2011 CHK U.Hoepfner 09MAY2011 APVD D.H.VU 09MAY2011													
DIMENSIONS: MASSEINHEITEN: [mm]		TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768-mK		NAME SHIELD CRIMP FERRULE Schirm Crimphuelse -		SIZE		CAGE CODE		DRAWING NO ZEICHNUNGS-NR.		RESTRICTED TO NUR FÜR			
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES / WINKEL ±1° FINISH / OBERFLÄCHE / FARBE				PRODUCT SPEC PRODUKTSPEZ.		A2 00779		C=2177090		-			
		-		APPLICATION SPEC VERARBEITUNGSSPEZ.		WEIGHT GEWICHT -		Customer Drawing		/KUNDENZEICHNUNG		SCALE MASSSTAB 5:1		SHEET BLATT 2 OF VON 2	

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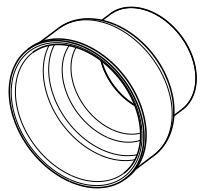
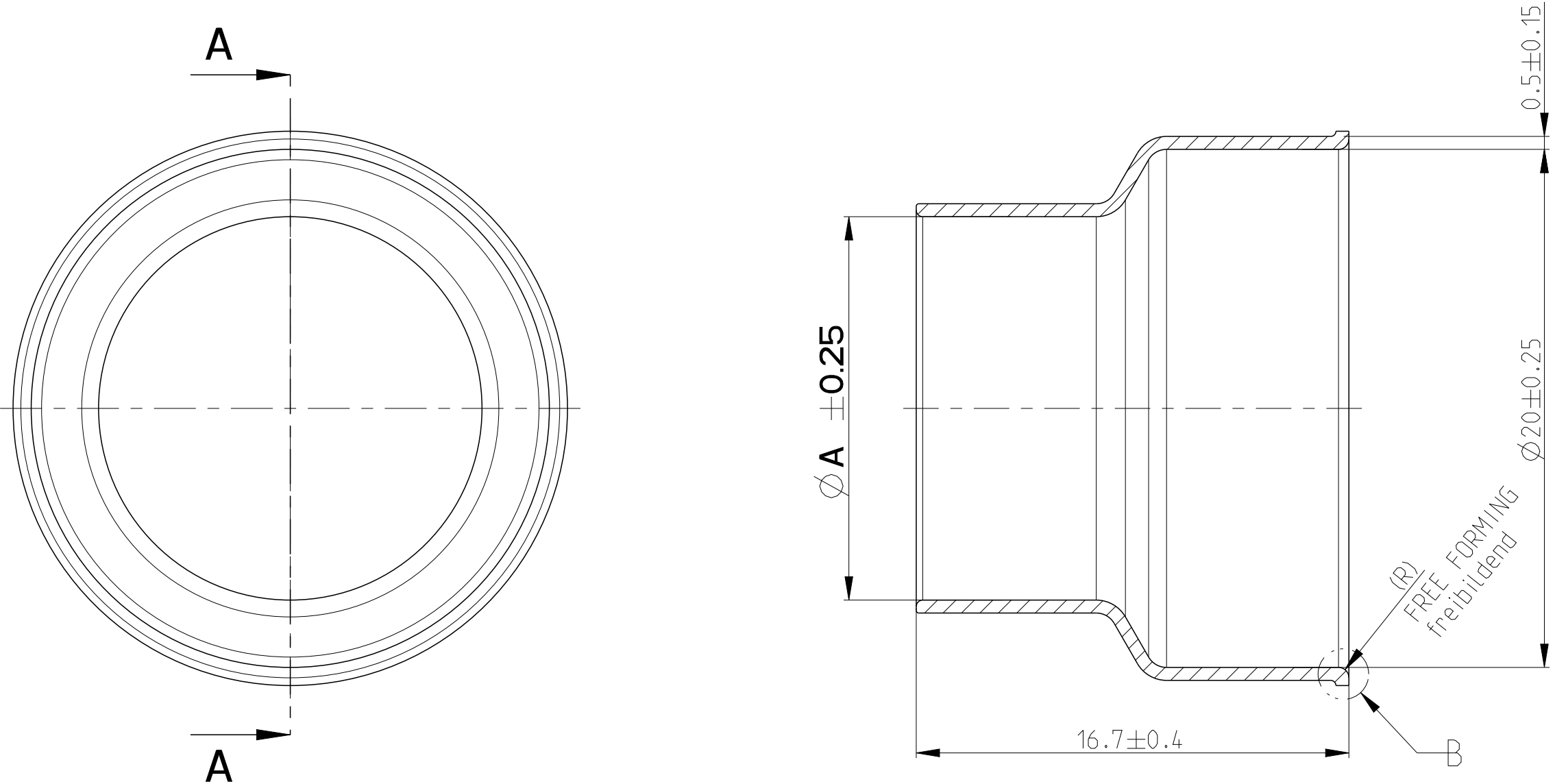
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- NOTES:
- Bemerkungen:
- ONLY THE GERMAN LANGUAGE IS AUTHORITATIVE
Maßgebend ist der deutsche Text
 - PACKAGING: BULK PACKAGING IN SHIPPING BOX
Verpackung: Schuettgut in Versandkarton

NOTE Bem.	FEATURE Merkmal
3	PRODUCT-SPEC. 108-94297 Produkt-Spez.
4	APPLICATION-SPEC. 114-94130 Verarbeitungs-Spez.

0-2177090-4	A	SHIELD CRIMP FERRULE Schirm Crimphuelse	10.5	16	STAINLESS STEEL 1.4301 Edelstahl 1.4301	4	BLANK blank
0-2177090-3	A		12.5	25			
0-2177090-2	A		14.8	35			
0-2177090-1	A		16.2	50			
TE-ORDER-NO. TE-Bestell-Nr.	REV	DESCRIPTION Benennung	DIMENSION A Mass A	FOR / fuer WIRE SIZE [MM ²] Leitungsquers. [mm ²]	MATERIAL	WEIGHT [G] Gewicht [g]	SURFACE Oberflaeche

PRODUCT CHARACTERISTICS ACC. QMP EMEA_12 BESONDERE MERKMALE NACH QMP EMEA_12		TOLERANCING ISO 8015 TOLERIERUNG ISO 8015		TE Connectivity			
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DIMENSIONS: MASSEINHEITEN: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768-mK		NAME		SHIELD CRIMP FERRULE Schirm Crimphuelse -	
		0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES/WINKEL ±° FINISH/OBERFLÄCHE/FARBE					
MATERIAL		WEIGHT GEWICHT		SIZE A2		CAGE CODE 00779	
				DRAWING NO. ZEICHNUNGS-NR. C-2177090		RESTRICTED TO NUR FÜR	
		Customer Drawing		/KUNDENZEICHNUNG		SCALE MASSSTAB 5:1	
						SHEET BLATT 1 OF 2	
						REV B	

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