

PACIFIC VERSION Shown on sheets 3 of 4 & 4 of 4

(Atlantic version shown on sheets 1 of 4 & 2 of 4)

SIZE CAGE CODE DRAWING NO

T IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION DWN U9JANZUL

SHOULD BE CONTACTED	FOR THE LATEST REVISION.	L C.CHEN	
		CHK	09JAN2012
DIMENSIONS:	TOLERANCES UNLESS	S.XI	
DIMENOTONO.	OTHERWISE SPECIFIED:	APVD	09JAN2012
mm		I.CRUZ	
	10 PLC ±-	PRODUCT SPEC	
	I PIC +		
	2 PLC ±	-	
	3 PLC ±	APPLICATION SPE	E C
Τ -	4 PLC ±		
	ANGLES ±-	-	
ATEDIAL	FINICH	WE LOUT	

		CHK
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	S.XI APVD
mm	0111211111102 01 2011 1201	I.CRUZ
.	0 PLC ±- 1 PLC ±	PRODUCT SPEC
	2 PLC ± 3 PLC ± 4 PLC ±	APPLICATION SPE
FRIAI	ANGLES ±-	- WEIGHT

Customer Accessible Production Drawing | SCALE 1:1 | SHEET 3 OF 4 | REV G

SPACER ION F PREMIUM REMIUM CRIPTION TE Connectivity
Harrisburg, PA 17105-3608 Ocean End Feed Applicator

1	_	_	1	1	1-2217206-3	BLADE, SLUG
	-	-	1	1	1 - 2 4 0 6 4 1 - 2	SPACER
	-	-	1	1	238011-2	BLOCK, CRIMPER SF
$\sqrt{1}$	_	1	1	1	2119582-3	CRIMPER, INSULATI
	-	-	1	1	455888-8	SPACER, CRIMPER
1	_	1	1	1	2 - 456408 - 9	CRIMPER, WIRE PRE
	- 78	- 77	- 22	- 21	PART NO	DESC
THIS DRAWING IS A	CONTROLLED CHANGE AND	DOCUMENT FO	OR TYCO ELE	CTRONICS CO	DEPORATION DWN 09JAN	2012

	_	_	2	2	1901259-5	GUIDE, LOWER STRIP
	-	-	1	1	3 - 2 4 0 6 4 1 - 9	SPACER
	_	-	1	1	1752360-1	SPACER, HOLD-DOWN
1	_	-	1	1	240833-2	PLATE, REAR SHEAR
	-	-	-	-	-	-
1	-	-	1	1	690482-3	PLATE, FRONT SHEAR
1	-	1	1	1	1333219-2	ANVIL, COMBINATION
1	_	-	1	1	1-2217206-3	BLADE, SLUG
			1	1	1 2/06/1 2	CDACED

1803292-1

| 1 | 1 8 8 1 - 18028 - 2 WASHER, FLAT, REG M4 2168083-9 SCR, SKT HD CAP, RoHS, M4 X 20 2 2 SCR. SKT HD CAP. RoHS. M4 X 8.0 2 2 2168083-2 STRIPPER (MACHINING) 1 1 1 240639-1 2 2 1-2168083-5 SCR, SKT HD CAP, RoHS, M4 X 30 1752371-3 PLATE, STRIP GUIDE 2-22281-3 SPRING, COMPRESSION

DRAG

1-1752354-0 STANDOFF, HOLD-DOWN 18023-9 SCR, SKT HD CAP M4 X 6.0 2119652-1 FEED CAM, PRE FEED 1803602-1 SCR, BHSC, RoHS (M8 X 25)

FEED FINGER 2063961-1

986965-8 NUT, LOCK, HEX, TORQUE (M4) 1 - 5018030 - 0 NUT, HEX, REG, RoHS, M3.5

REVISIONS

DESCRIPTION

CRIMPER, INSULATION OVERLAP PREMIUM

WASHER, WAVE SPRING, CREST-TO-CREST

CAM, SNAIL, INSULATION ADJUSTMENT

RETAINER, INSULATION DIAL

MECHANICAL FEED ASSEMBLY

SCR, BHSC, RoHS (M6 X 20)

PIN, SLOTTED SPRING 3.0 X 14.0

SCR, SKT HD CAP, RoHS, M4 X 16

APPLICATOR BASIC ASSEMBLY, EF

SCR, SET, FLT PNT, M3 X 10.0

SCREW, DRIVE, RH, RoHS, 2 x .188

SCR, SKT HD CAP, RoHS, M4 X 12.0

RAM ASSEMBLY, EF PACIFIC

DOCUMENTATION PACKAGE

SCR, HEX HD CAP, M4 X 6.0

NUT, HEX, REG, RoHS, M3

SHCS, LOW HEAD, RoHS, M4 X 8

TAG, IDENTIFICATION

HOLDDOWN, TERMINAL

ASSY, LUBRICATOR, END FEED

WASHER, FLAT, REG M8

SPRING, COMPRESSION

GUIDE PIN, HOLDDOWN

GUIDE PIN, HOLDDOWN

COUNTER, MAGNETIC

FEED CAM, AIR FEED

FEED CAM, POST FEED

SPACER, CRIMPER

AIR FEED MODULE

SEE SHEET 1

DATE DWN APV

2 4 4

243

239

192

186

164

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1 4 1

1 4 0

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66

56

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49

48

4 1

33

31

29

16

ITEM NO

RESTRICTED T

A 66

2119785-8

2119082-9

2079764-1

2119083-1

2119580-

2844940 - 3

1 - 18028 - 0

2079383-9

6 - 9 9 3 1 1 1 - 6

8 - 22280 -

1752353-2

1901680-1

994970-2

2119641-

2168083-8

2119653-

2119655-

1803518-

2119955-1

455888-4

1803607-4

2-18032-2

2119740-

2168078-

1901681-

5-18022-5

2168400-4

2168083-3

5018030-1

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*WARNING

ON INSTALLATION, SET WIRE DISC TO CRIMP HEIGHT REFERENCE SETTING FOR LARGEST WIRE SIZE. CRIMP HEIGHT REFERENCE SETTINGS GREATER THAN THE VALUE SHOWN MAY CAUSE DAMAGE TO THE CRIMP TOOLING. REFER TO THE INSTRUCTION SHEET FOR

TE TERMINAL

TE TERMINAL

PROPER SETUP AND ADJUSTMENTS.

CRIMP HEIGHT 4
REFERENCE SETTING 1.50mm2 1.35+/-0.05 [.053+/-.002] 6.3

1.19+/-0.05 [.047+/-.002]

2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND

APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 50.

CRIMP HEIGHT REFERENCE SETTING WAS THE SETTING USED WHEN THE APPLICATOR WAS QUALIFIED AT THE FACTORY. ADJUSTMENT MAY BE NECESSARY WHEN RUNNING APPLICATOR IN THE FIELD.

6. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER

THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT.

for cases that it need to use wires as din 72551-6 or avs(insul. \$\varphi\$1.6MM-2.7MM) it is

WIRE SIZE 0.50mm2 IS NOT RECOMMENDED BY APPLICATOR PRODUCT ENGINEERING.

RECOMMENDED TO USE THE INSULATION CRIMPER OV, PN: 2119785-8.

IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISTED AS AN APPROVED APPLICATION WITHIN A TE CONNECTIVITY APPLICATION SPECIFICATION; HOWEVER, IT HAS BEEN VALIDATED ACCORDING TO TE CONNECTIVITY SPECIFICATIONS 109-18079(TEST GROUP 1) AND 114-18022. TE CONNECTIVITY

EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN TE CONNECTIVITY APPLICATION SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR

FITNESS FOR PARTICULAR PURPOSE. AS SUCH, IT IS HIGHLY RECOMMENDED THAT THE CUSTOMER PERFORM FURTHER DETAILED EVALUATION TO ASSESS PRODUCT PERFORMANCE IN THE SPECIFIC

WIRE SIZE 🕸 🗡	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT 4 REFERENCE SETTING
2.00mm2	1.45+/-0.05 [.057+/002]	3.3
1.25mm2	1.35+/-0.05 [.053+/002]	6.3
0.05.0	1 10. / 0 0 5 5 0 47. / 0007	7 4

1.12+/-0.05 [.044+/-.002]

2 110031 2	4 110031 2	110032 4	
WIRE SIZE 🛞 T	CRIMP HEIGH	HT	CRIMP HEIGHT 4 REFERENCE SETTING
2.00mm2	1.45+/-0.05 [.0	57+/002]	3.3
1.25mm2	1.35+/-0.05 [.0	53+/002]	6.3

TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
170032-1	170032-2	170032-5	170342-1
170342-2	170031-1	170031-2	170031-3
170031-5	1-170031-1	1-170031-2	2-170031-1
2-170031-2	4-170031-2	170032-4	

SPECIFICATION	SPECIFICATION				
TERMINALS AF	PPLIED 25				
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL		
170032-1	170032-2	170032-5	170342-1		
170342-2	170031-1	170031-2	170031-3		
170031-5	1 - 1 7 0 0 3 1 - 1	1-170031-2	2-170031-1		
0 470004 0	4 4 7 0 0 0 4 0	470000			

5.20-5.90 mm [.205232 [N]	\bigcirc 2.16-3.43 mm	[.085135 [N]				
TERMINAL APPLICATION	114-5052	-	-				
SPECIFICATION	-	-	-				
TERMINALS AF	TERMINALS APPLIED 🟂						
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL				
170032-1	170032-2	170032-5	170342-1				
170212	170021 1	170021 2	170021 2				

		12 0111111 01 2011 10711 1011
	TERMINAL NAME: 250 SERIES F	RECEPTACLE WITH LATCH
	WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
	5.20-5.90 mm [.205232 [N]	Ø2.16-3.43 mm [.085135 [N]
	TERMINAL 114-5052	-
	APPLICATION	
C	SPECIFICATION -	
	TERMINALS APPLIED 🟂	

	TERMINAL DATA: TE TERMINAL	TE CRIMP SPECIFICATION
	TERMINAL NAME: 250 SERIES I	RECEPTACLE WITH LATCH
	WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
	5.20-5.90 mm [.205232 IN]	Ø2.16-3.43 mm [.085135 IN]
	TERMINAL 114-5052	-
	APPLICATION (CONTRACTOR)	
C	SPECIFICATION -	

 \bigcirc \lor

TERMINAL DATA: TE TEF	RMINAL	TE CRIMP	SPECIFICATION
TERMINAL NAME: 250 S	SERIES F	RECEPTACLE WI	TH LATCH
WIRE STRIP LENGTH	*	INSULATION DIA	AMETER RANGE
5.20-5.90 mm [.20523	2 [N]	Ø2.16-3.43 mm [.	085135 [N]
TERMINAL 114 APPLICATION	1-5052	-	-
SPECIFICATION	-	-	-

TERMINAL DATA: TE TERMINAL	TE CRIMP SPECIFICATION
TERMINAL NAME: 250 SERIES	RECEPTACLE WITH LATCH
WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
5.20-5.90 mm [.205232 [N]	Ø2.16-3.43 mm [.085135 [N]
TERMINAL 114-5052 APPLICATION	-
SPECIFICATION -	
^	

TERMINAL DATA: TE TERMINAL	TE CRIMP SPECIFICATION
TERMINAL NAME: 250 SERIES F	RECEPTACLE WITH LATCH
WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
5.20-5.90 mm [.205232 IN]	Ø2.16-3.43 mm [.085135 IN]
TERMINAL 114-5052 APPLICATION	-
SPECIFICATION -	

	TE CRIMP SPECIFICATION
F	RECEPTACLE WITH LATCH
 -	INSULATION DIAMETER RANGE
	Ø2.16-3.43 mm [.085135 [N]

SPECIFICATION	TE
TH LATCH	TE
AMETER RANGE	
085135 [N]	
-	TE
_	AP
_	137

8.9

ICATION	TERMINAL DATA: TE TERM	INAI
TCH	TERMINAL NAME: 250 SE	RII
RANGE	WIRE STRIP LENGTH	
5 [N]	5.20-5.90 mm [.205232	IN]
-	TERMINAL APPLICATION SPECIFICATION -	
	TERMINALS APPLIED	<u>/</u> 5\

TE TERMINAL

170342-1

TERMINAL DATA: TE TERMINAL	TE CRIMP SPEC
TERMINAL NAME: 250 SERIES F	RECEPTACLE WITH L.
WIRE STRIP LENGTH	INSULATION DIAMETER
5.20-5.90 mm [.205232 [N]	Ø2.16-3.43 mm [.0851
TERMINAL APPLICATION APPLICATION	-
SPECIFICATION -	-
	TERMINAL NAME: 250 SERIES F WIRE STRIP LENGTH 5.20-5.90 mm [.205232 IN] TERMINAL APPLICATION

TE TERMINAL

170342-2

TERMINAL DATA: TE TERMINAL	TE CRIMP SPECIFICATION
TERMINAL NAME: 250 SERIES	S RECEPTACLE WITH LATCH
WIRE STRIP LENGTH	INSULATION DIAMETER RANGE
5.20-5.90 mm [.205232 IN]	Ø2.16-3.43 mm [.085135 IN]

IFICATION	





PACIFIC VERSION TERMINATOR INTERFACE ADAPTER

Д	PPLICATOR DAT.	Α
CRIMP	SIZE	TYPE
WIRE	2.79 mm [.110]	F
INSUL	4.57 mm [.180]	F

A	APPLICATOR DAT	A
CRIMP	SIZE	TYPE
WIRF	2.79 mm [.110]	F

Λ	PPLICATOR DAT.	٨
CRIMP	SIZE	TYPE
WIRE	2 79 mm [110]	E

А	PPLICATOR DA	ΤA
CRIMP	SIZE	TYPE
WIDE	2 70 mm [110]	

NSUL 4.57 mm [.180]

APPL INSTRUCTIONS

408-35043

 $/8 \setminus 0.50 \text{mm} 2$

1 RECOMMENDED SPARE PARTS

STORAGE OF APPLICATOR.

DOCUMENT, 101-35000.

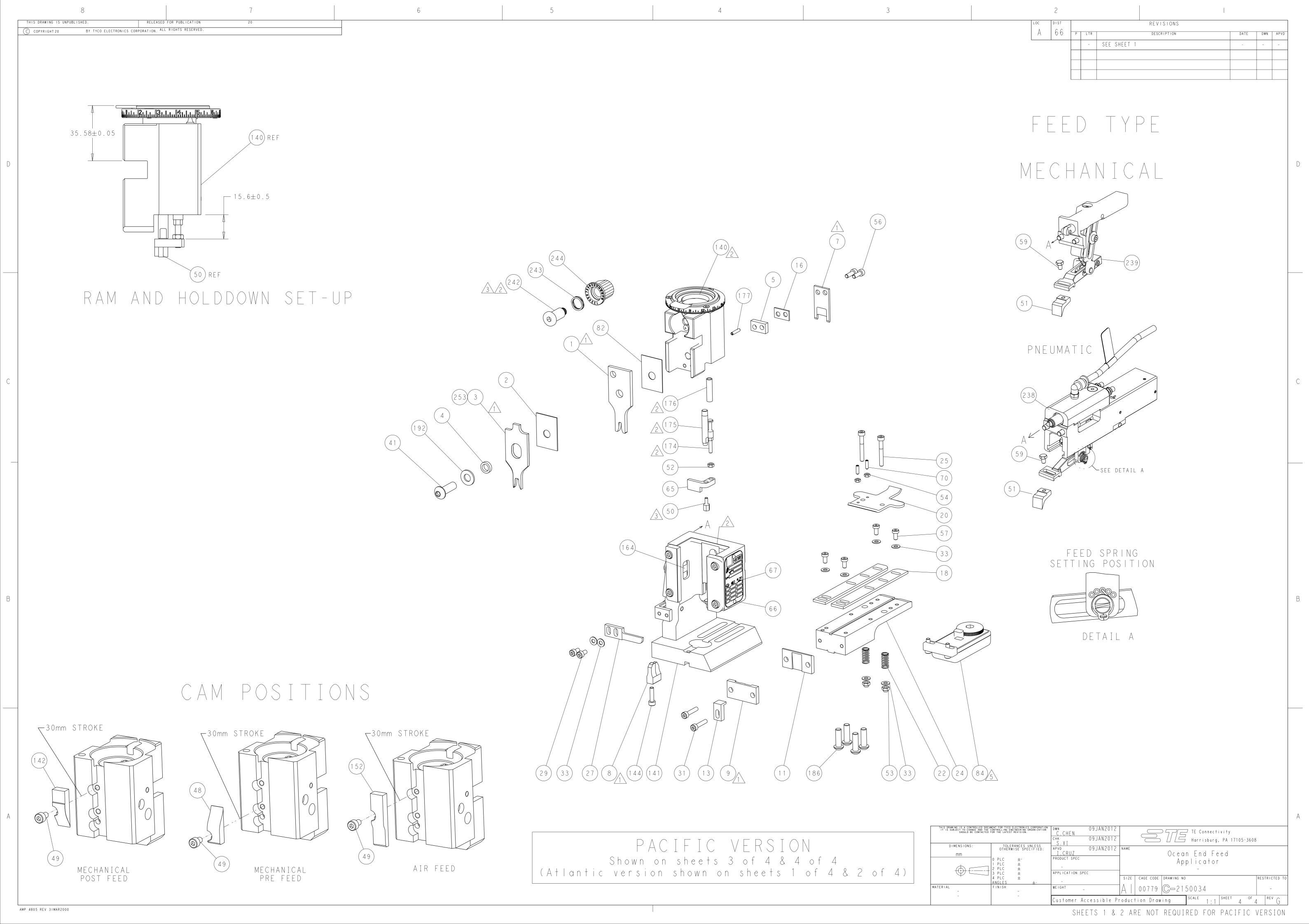
APPLICATION.

5 TERMINAL LUBRICANT IS RECOMMENDED.

D				
	Д	PPLICATOR	DATA	
	CRIMP	SIZE		TYPE

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P A R T N U M B E R	REVISION	DESCRIPTION	FEED TYPE	
2-2150034-1	G	FINE CRIMP HEIGHT ADJUST	MECHANICAL	
2-2150034-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	
7 - 2 1 5 0 0 3 4 - 7	А	CRIMP TOOLING KIT	-	
7-2150034-8	F	OVERLAP INSULATION CRIMPER	<u>/9</u>	

		8		7	
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	P A R T N U M B E R	REVISION	DESCRIPTION	FEED TYPE	
	2-2150034-1	G	FINE CRIMP HEIGHT ADJUST	MECHANICAL	
	2-2150034-2	G	FINE CRIMP HEIGHT ADJUST	PNEUMATIC	
	7-2150034-7	А	CRIMP TOOLING KIT	-	
	7 - 2150034 - 8	F	OVERLAP INSULATION CRIMPER	9	



Mouser Electronics

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TE Connectivity: 2150034-1