

TERMINAL DATA:	SUMITOMO	TERMINAL		SUMITOMO	CRIMP	SPECI	FICATION
TERMINAL NAME:	NS-CS	MALE	ERMII	V A L			
WIRE STRIP LE	ENGTH	→	INS	SULATION	DIAME	TER F	RANGE
4.00-4.50 mm [.157	177 [N]		ϕ	3.30 mm	[.130	[N] MA	Χ
TERMINAL APPLICATION SPECIFICATION	82305171	Rev 2012	/04/18	-			-
TERMINALS AF	PLIED						
TE TERMINAL	SUMITOMO	TERMINAL	TE -	FERMINAL	SUM	OMOTI	TERMINAL
2303584-1	8230-	5171					

WIRE SIZE 🛞 🏌	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT 19 REFERENCE SETTING
1.25mm2	1.35+/-0.05 [.053+/002]	8.9

WIRE SIZE 🕸 T	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT 29 REFERENCE SETTING
2 x 1 mm ²	1.58+/-0.05 [.062+/002]	6.5
1.50mm2	1.43+/-0.05 [.056+/002]	8.2
2 x 0.75mm ²	1.43+/-0.05 [.056+/002]	8.2
1.00mm2	1.27+/-0.05 [.050+/002]	10.1

1 RECOMMENDED SPARE PARTS

2 GREASE BEARING SURFACES LIGHTLY

3. LUBRICATE DAILY PER THE APPLICATOR INSTRUCTION SHEET SUPPLIED WITH THE APPLICATOR.

4 APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER: MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836321-4 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2836321-4 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2836321-5

5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEM 62.
APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 152.

/8\ MAGNET MUST BE ORIENTED CORRECTLY IN ORDER TO PROPERLY ACTUATE THE COUNTER.

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.

SPARE FEED CAM STORAGE LOCATION REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

11 TO CONVERT THE APPLICATOR TO A NON-CARRIER CUTTING STYLE, REMOVE ITEM 13 AND ATTACH TO THE LOCATION ON BACK SIDE OF THE HOUSING. REFER TO INSTRUCTION SHEET FOR ADDITIONAL INFORMATION.

SIZE	mm [INCH]	REFERENCE SETTING
2 x 1 mm ²	1.58+/-0.05 [.062+/002]	6.5
1.50mm2	1.43+/-0.05 [.056+/002]	8.2
2 x 0.75mm ²	1.43+/-0.05 [.056+/002]	8.2
1.00mm2	1.27+/-0.05 [.050+/002]	10.1

BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING WILL CAUSE DAMAGE TO CRIMP TOOLING.

12 THIS CRIMP PARAMETER IS PROVIDED TO MEET A CUSTOM AND UNIQUE CUSTOMER REQUIREMENT. IT HAS BEEN EVALUATED AND IS CONDITIONALLY SPECIFIED BY TE CONNECTIVITY. THIS CUSTOMIZED CRIMP PARAMETER IS NOT LISTED AS AN APPROVED APPLICATION WITHIN THE TERMINAL MANUFACTURER'S SPECIFICATIONS. TE CONNECTIVITY EXPRESSLY DISCLAIMS ANY AND ALL WARRANTIES THAT THE PRODUCT WILL PERFORM SIMILARLY TO VALIDATED AND APPROVED APPLICATIONS, AS STATED WITHIN THE MANUFACTURER'S 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 APPLICATION AND OBTAIN APPROVAL FROM TERMINAL MANUFACTURER FOR THIS REQUIREMENT.

*WARNING

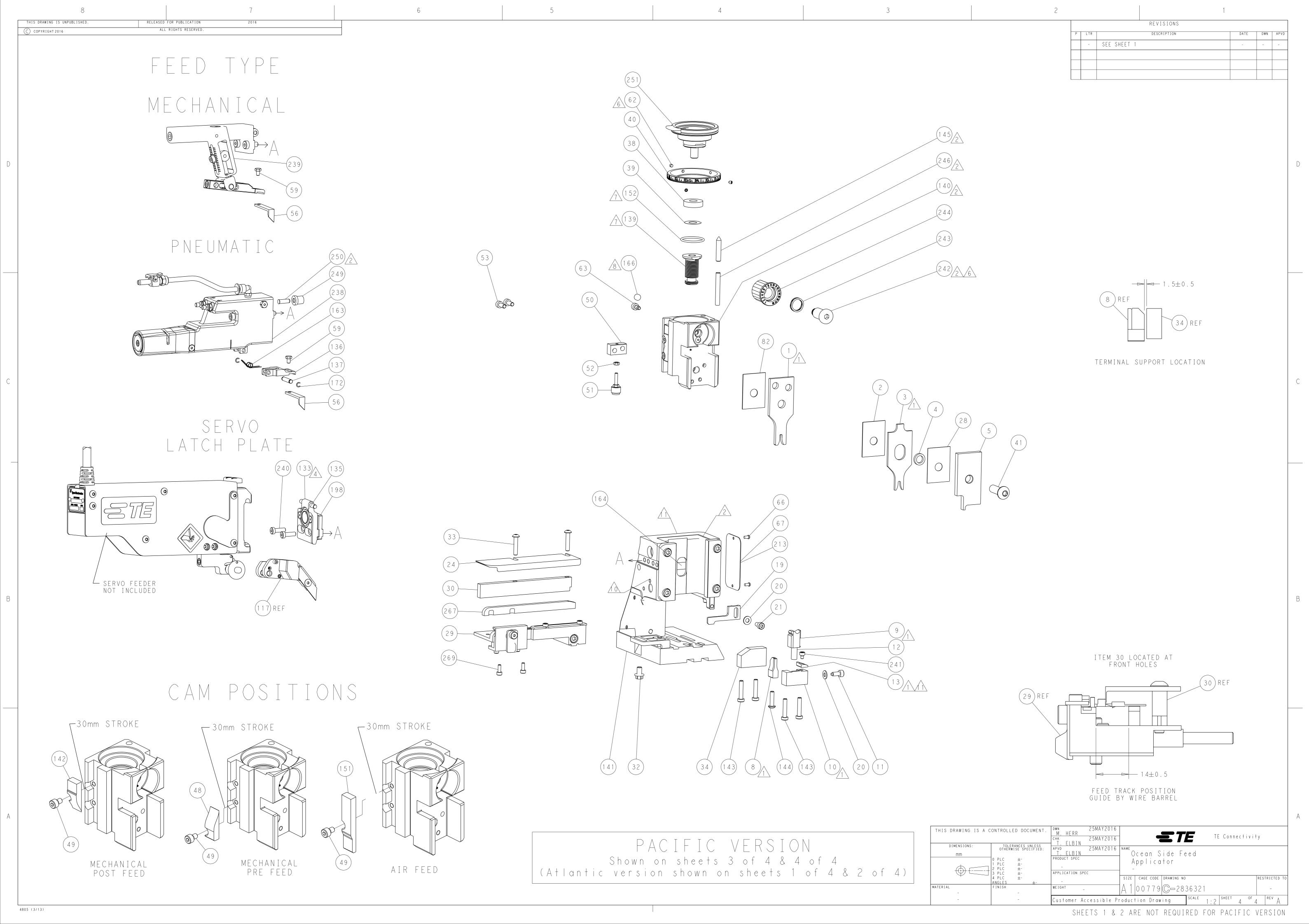
-	2	2	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	269
- 77	- 27	- 25	- 22	- 21	PART NO	DESCRIPTION	ITEM

ON INSTALLATION, SET WIRE DISC, ITEM 40 TO LARGEST WIRE SIZE SETTING. USE OF SETTINGS

PACIFIC VERSION

Shown on sheets 3 of 4 & 4 of 4 (Atlantic version shown on sheets 1 of 4 & 2 of 4)

			UP GA 9599			P LTR	REVISIONS DESCRIPTION DATE DWN	N APVD
						- SEE S	HEET 1	-
Γ		1	1	1	1	1633782-3	FENCE	267
	_	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
-	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	_	1	1	1	1	2079988-1	BUSHING, LCH5-12, MISUMI SPRING, COMPRESSION	249
	-	1	1	1	1	2119082-8	CAM, SNAIL, INSULATION ADJUSTMENT	244
6	_	1 1	1 1	1 1	1 1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST RETAINER, INSULATION DIAL	243
/ /	_	1	1	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	241
-	<u>-</u>	-	2	-	1	2168400-6 2119580-1	SHCS, LOW HEAD, ROHS, M5 X 16 MECHANICAL FEED ASSEMBLY	240
	-	_	-	1	-	2063440-1	AIR FEED MODULE	238
	-	-	1	-	-	2119740-2	TAG, IDENTIFICATION	213
	_	-	-	2	-	1901094-3	SPACER, FEEDER RING, RETAIN, EXTERN, 3/16 CRESCENT	198
	-	1	1	1	1	994969-1	MAGNET, RARE EARTH HIGH ENERGY	166
	_	REF -	REF -	REF 1	REF	994970-2	COUNTER, MAGNETIC SPRING, FEED FINGER	164
	-	1	1	1	1		O-RING, .801 ID, .070 DIA. MAT.	152
-	_	- 1	- 1	1	- 1	2119641-2	FEED CAM, AIR FEED DETENT PIN	151
		1	1	1	1	2079383-8	SCR, BHSC, RoHS (M4 X 16)	1 4 4
	-	4	4	4	4	2168400-5	SHCS, LOW HEAD, RoHS, M4 X 20	143
	-	1	1	1	1 1	2119653-2	FEED CAM, POST FEED APPLICATOR BASIC ASSEMBLY, SF	1 4 2
	-	1	1	1	1	2119650-1	RAM, ASIAN STYLE, SIDE FEED	140
	-	1 -	1 -	1	1 -	2119092-2	BOLT, ADJUSTMENT PIN, RETAIN, GRVD, 3/16 X .854	139
	_	-	-	1	-		HOLDER, FEED FINGER, AF	136
-	_	-	REF	-	-		MEMORY CHIP, PROGRAMMED SERVO FEED LATCH ASM	135
	_	-	REF	-	-		FEED FINGER ASSEMBLY, SF	1117
	-	1	1	1	1	455888-5	SPACER, CRIMPER	82
	_	1	-	1	1	2119956-1	DOCUMENTATION PACKAGE TAG, IDENTIFICATION	71
	-	2	2	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
6	_	3	3	3	3	2119793-1 992763-5	SCR, SET, SOC, CONE POINT, M3 x 4.0	63
/ 6 \	-	-	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
-	_	- 2	2	2	1 2	1338683-8	FEED PAWL SCR, SKT HD CAP, RoHS, M4 X 10	56 53
	_	1	1	1	1	5018030-1	NUT, HEX, REG, ROHS, M3	52
	-	1	1	1	1	811242-5	BUMPER, HOLD DOWN	51
-	_	-	-	1	2	690753-2 18023-9	SPACER, TONKER SCR, SKT HD CAP M4 X 6.0	50
	-	-	-	-	1	2119652-1	FEED CAM, PRE FEED	48
	_	1 1	1 1	1	1 1	2079383-7	SCR, BHSC, RoHS (M8 X 25) DISC, NUMBERED FA WIRE ADJUSTMENT	41
	-	1	1	1	1	2119957-1	APPLICATOR SHIM PACK	39
		1	1	1	1	1-2119644-2	RAM WASHER, PRECISION SUPPORT, TERMINAL	38
		2	2	2	2	2079383-5	SCR, BHSC, ROHS (M4 X 20)	33
	-	1	1	1	1		HEX HEAD, FLANGED, M5 x 8mm LONG	32
	-	1	1	1	1	1-1320908-0 2119959-1	SPACER, STRIP GUIDE ASSEMBLY, STRIP GUIDE	30 29
	-	1	1	1	1	455888-3	SPACER, CRIMPER	28
	-	1	1	1	1 1	1320928-2 2168083-2	STRIP GUIDE SCR, SKT HD CAP, RoHS, M4 X 8.0	24
	-	2	2	2	2	1 - 18028 - 2	WASHER, FLAT, REG M4	20
\bigwedge	-	1	1 1	1 1	1 1	2119533-1 2119806-1	STRIPPER, SIDE FEED INSERT, SHEAR	19
/ \		1	1	1	1	3-22280-3	SPRING, COMPRESSION	12
<u></u>	-	1	1	1	1	1-356885-4	STOP, SHEAR	1 1
/1	_	1	1	1	1		SHEAR HOLDER, FRONT FLOATING SHEAR, FRONT	10
1	1	1	1	1	1	9-1803171-8	ANVIL, COMBINATION	8
	-	-	-	-	-	-	- -	7 6
	-	1	1	1	1	2119757-4	DEPRESSOR, SHEAR	5
<u></u>	- 1	1	1	1	1	1-238011-7	BLOCK, CRIMPER SPACER CRIMPER, INSULATION OVERLAP PREMIUM:	4 3
/ 1 \	<u> </u>	1	1	1	1	455888-5	SPACER, CRIMPER	2
1	1	1	1	1	1	4-1803241-5	CRIMPER, WIRE F	1
	- 77	- 27	- 25	- 22	L	PART NO	DESCRIPTION	ITEM NO
RAWIN	G IS	A CONT	ROLLED	DOCUM	ENI.	DWN 25MAY2016 M. HERR CHK 25MAY2016	TE Connectivity	_
MENSIO mm	NS:		TOLERAN OTHERWIS	ICES UNLE E SPECIF		T. ELBIN 25MAY2016 T. ELBIN	NAME Ocean Side Feed	
mm		0 P 1 P 2 P	LC :	±- ±- ±-		PRODUCT SPEC	Applicator	
(4)		3 P 4 P	LC :	±- ±- ±-		APPLICATION SPEC	SIZE CAGE CODE DRAWING NO REST	RICTED TO
		I A IV(1		<u>±</u>				



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: 2836321-1