

TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION	
TERMINAL NAME: RECEPTACLE, FASTON, PIDG			
WIRE STRIP LENGTH 7.51-8.33 mm [.296-.328 IN]		INSULATION DIAMETER RANGE Ø2.62-3.56 mm [.103-.140 IN]	
TERMINAL APPLICATION SPECIFICATION 114-1002		-	-
TERMINAL SPECIFICATION		-	-
TERMINALS APPLIED 			
TE TERMINAL	TE TERMINAL	TE TERMINAL	TE TERMINAL
640902-1	640910-1	640920-1	640924-1
640908-1	640916-1	640922-1	



-
- A diagram showing a cross-section of a crimped wire joint. A vertical label 'CALIPERS' points to a pair of pliers crimping a wire. A horizontal label 'CRIMP HEIGHT' points to the height of the crimp. A label 'SOLDER' points to a layer of solder coating the wire and the crimp.

ATLANTIC VERSION
Shown on sheets 1 of 4 & 2 of 4
(Pacific version shown on sheets 3 of 4 & 4 of 4)

	-	1	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	283
	-	1	1	2280441-1	INSERT, SHEAR	282
	-	2	2	1-2168083-3	SCR, SKT HD CAP, RoHS, M3 X 16	261
	-	1	1	2119640-1	PUSH ROD, AIR FEED	250
	-	1	1	1803259-1	BUSHING, FLANGED	249
	-	1	1	2119641-1	FEED CAM, AIR FEED	248
	-	1	1	2119082-4	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
3	-	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	-	1	1	2063440-1	AIR FEED MODULE	238
	-	1	1	356885-4	STOP, SHEAR	237
	-	2	2	21045-3	RING, RETAIN, EXTERN, 3/16 CRESCENT	172
	-	REF	REF	994970-2	COUNTER, MAGNETIC	164
	-	1	1	240638-1	SPRING, FEED FINGER	163
	-	1	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	1	2119799-1	HOLDER,FEED FINGER, AF	136
	-	1	1	1-22281-8	SPRING, COMPRESSION	121
	-	1	1	1-2168083-0	SCR, SKT HD CAP, RoHS, M4 X 10	111
	-	1	1	2844908-1	SCREW, LOCKING	99
	-	1	1	2844907-1	POST, LOCKING	98
	-	1	1	1-690438-0	FRONT STRIP GUIDE	96
	-	2	2	2168083-1	SCR, SKT HD CAP, RoHS, M3 X 8.0	95
	-	1	1	2168083-6	SCR, SKT HD CAP, RoHS, M5 X 65	93
	-	1	1	455888-5	SPACER, CRIMPER	82
	-	1	1	1-240641-8	SPACER	81
	-	1	1	1803607-1	DOCUMENTATION PACKAGE	71
	-	1	1	2119740-1	TAG, IDENTIFICATION	67
	-	2	2	2168078-1	SCREW, DRIVE, RH, RoHS, 2 x .188	66
	-	2	2	2-18032-5	SCR, SET, FLT PNT, M5 X 20.0	61
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	60
	-	1	1	5-18022-5	SCR, HEX HD CAP, M4 X 6.0	59
	-	1	1	1-1338683-0	FEED PAWL	56
	-	2	2	2168083-3	SCR, SKT HD CAP, RoHS, M4 X 12.0	54
	-	2	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	53
	-	1	1	18023-9	SCR, SKT HD CAP M4 X 6.0	49
	-	1	1	1803583-9	APPLICATOR BASIC ASSEMBLY, SF	46
	-	1	1	1803515-1	RAM ASSEMBLY, SF ATLANTIC	44
	-	1	1	1803602-1	SCR, BHSC, RoHS (M8 X 25)	41
	-	1	1	2-189124-5	GUIDE, FRONT STRIP	30
	-	1	1	2305692-7	PLATE, REAR STRIP GUIDE	29
	-	2	2	22283-1	SPRING, COMPRESSION	27
	-	1	1	356835-1	LEVER, DRAG RELEASE	26
	-	1	1	240792-1	DRAG, TERMINAL	25
	-	1	1	980371-4	SCR, SKT HD SHLDR 5.0 DIA X 6.0	23
	-	1	1	2168083-2	SCR, SKT HD CAP, RoHS, M4 X 8.0	21
	-	1	1	1-18028-2	WASHER, FLAT, REG M4	20
	-	1	1	2119533-3	STRIPPER, SIDE FEED	19
	-	1	1	189369-1	HOLD DOWN, TERMINAL	18
	-	1	1	690463-1	FLOATING SHEAR, REAR	17
	-	2	2	1-2168083-1	SCR, SKT HD CAP, RoHS, M3 X 6	16
1	-	1	1	690464-2	SHEAR PLATE, REAR	15
	-	1	1	2119862-1	SHEAR HOLDER, REAR	14
	-	1	1	3-22280-3	SPRING, COMPRESSION	12
	-	-	-	-	-	10
	-	1	1	454766-9	ANVIL, INSULATION	9
1	1	2	1	467660-4	ANVIL, WIRE	8
	-	-	-	-	-	7
	-	1	1	690468-6	DEPRESSOR SHEAR, REAR	6
	-	-	-	-	-	5
	-	1	1	3-238009-6	BLOCK, FL CRIMPER SPACER	4
1	1	2	1	1803130-3	CRIMPER, INSULATION FASTON	3
	-	-	-	-	-	2
1	1	2	1	467661-1	CRIMPER, CONFINED WIRE	1
	-77-72	-2		PART NO	DESCRIPTION	ITEM NO

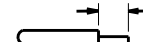
SHEETS 3 & 4 ARE NOT REQUIRED FOR ATLANTIC VERSION

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THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION	
2016		2016	
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PART NUMBER	REVISION	DESCRIPTION	FEED TYPE
2-2836324-2	D	FINE CRIMP HEIGHT ADJUST	PNEUMATIC
7-2836324-7	D	CRIMP TOOLING KIT	-

PACIFIC VERSION TERMINATOR
INTERFACE ADAPTER



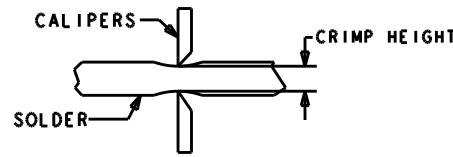
APPLICATOR DATA		
CRIMP	SIZE	TYPE
WIRE	5.03 mm [.198]	SP
INSUL	6.17 mm [.243]	SP
APPLICATOR INSTRUCTIONS 408-35042		

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WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
18 AWG	2.08+/-0.05 [.082+/- .002]	6.7
20 AWG	2.08+/-0.05 [.082+/- .002]	7.0
22 AWG	2.08+/-0.05 [.082+/- .002]	7.0



- 1 RECOMMENDED SPARE PARTS
- 2 REFER TO SUPPLIED INSTRUCTION SHEET FOR CLEANING, LUBRICATION AND STORAGE OF APPLICATOR.
- 3 APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 242.
- 4 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.
5. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT, 101-35000.
- 6 TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.
- 7 TO CHECK CRIMP HEIGHT, CRIMP SOLDER (Ø3.18mm [.125 IN] 60/40 SOLID CORE) AND MEASURE AT CENTER OF SLUG.



*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 PROPER SETUP AND ADJUSTMENTS.

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

LOC	DIST	REVISIONS					
A	66	P	LTR	DESCRIPTION	DATE	DWN	APVD
		-	SEE SHEET 1	-	-	-	

	-	1	7-18023-7	SCR, SKT HD CAP M3 X 4.0	283
	-	1	2280441-1	INSERT, SHEAR	282
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	-	1	240638-1	SPRING, FEED FINGER	163
	-	1	2119641-2	FEED CAM, AIR FEED	151
	-	1	2168083-8	SCR, SKT HD CAP, RoHS, M4 X 16	144
	-	2	2168083-9	SCR, SKT HD CAP, RoHS, M4 X 20	143
	-	1	1-1803583-0	APPLICATOR BASIC ASSEMBLY, SF	141
	-	1	1803516-1	RAM ASSEMBLY, SF PACIFIC	140
	-	1	3-23627-7	PIN, RETAIN, GRVD, 3/16 X .854	137
	-	1	2119799-1	HOLDER,FEED FINGER, AF	136
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1	1	1	467661-1	CRIMPER, CONFINED WIRE	1
	-	-	-	-	
-77	-22	PART NO DESCRIPTION			ITEM NO

-77 -22		PART NO	DESCRIPTION	ITEM NO
OWN D. WEAVER		25MAY2016	TE Connectivity Harrisburg, PA 17105-3608	
CHK C. TOPPER		25MAY2016		
APVD C. TOPPER		25MAY2016	NAME Ocean Side Feed Applicator	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH	PRODUCT SPEC APPLICATION SPEC	
MATERIAL -		SIZE A1	CAGE CODE 00779	DRAWING NO C=2836324
Customer Accessible Production Drawing		SCALE 1:2	SHEET 3	OF 4
		REV D		

SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

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[TE Connectivity:](#)

[2836324-2](#)