

TERMINAL DATA:	AMTECH TERM	INAL	TE CRIMP	SPECIFICATION			
TERMINAL NAME:	2.8mm BLA	DE RECEP	TACLE				
WIRE STRIP LE	NGTH	TERMINA	L INSULATIO	N DIAMETER RAN			
4.67-5.43 mm [.184	214 IN]	Ø2.1	Ø2.18-3.29 mm [.086130 [N]				
TERMINAL APPLICATION SPECIFICATION	NONE -		-	-			
TERMINALS APPLIED 13							
TE TERMINAL	AMTECH TERMIN	IAL TE TE	RMINAL	AMTECH TERMINA			
3311073-1	771416-HK200	DD 331	073-2	3202583A2RR			

WIRE SIZE	<u> </u>	CRIMP HEIGHT mm [INCH]		CRIMP HEIGHT 9 REFERENCE SETTING	
12 AWG		2.29+/-0.05 [.090+/	002]	5.2	
14 AWG		1.96+/-0.05 [.077+/	8.2		
16 AWG		1 76+/-0 05 [ 069+/	- 0021	10.2	

1 RECOMMENDED SPARE PARTS

2 GREASE BEARING SURFACES LIGHTLY

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

APPLICATOR SPECIFIC DATA TO BE ENTERED INTO BLANK MEMORY CHIP AT ASSEMBLY. SEE BELOW FOR PART NUMBER:
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2837089-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2837089-5
SERVO FEED WITH "NON-CRIMP HEIGHT ADJUST": 8-2837089-6

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 ITEMS 62.

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

FOR -6 ONLY APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 37.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 35 & 252.

MAGNET, ITEM 166 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.

10 TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.

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

WHEN ASSEMBLING A NON CRIMP HEIGHT ADJUST APPLICATOR (-6) USE SHIMS FROM ITEM 260 TO ACHIEVE A NOMINAL SHIM HEIGHT OF 3.51.

13 TERMINAL LUBRICANT IS RECOMMENDED.

\*WARNING
ON INSTALLATION, SET WIRE DISC, ITEM 40 TO
LARGEST WIRE SIZE SETTING. USE OF SETTINGS
BELOW MINIMUM REQUIRED CRIMP HEIGHT SETTING
WILL CAUSE DAMAGE TO CRIMP TOOLING.

ATLANTIC VERSION

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

O-RING, .676 ID, .070 DIA. MAT 8-21084-0 2119640-PUSH ROD, AIR FEED BUSHING, FLANGED 1803259-1 248 FEED CAM, AIR FEED 2119641-1 2119798-DETENT PIN SPRING, COMPRESSION 1 - 22279 - 3 2119758-1 RAM, AMP STYLE, SIDE FEED, NON-ADJ. CAM, SNAIL, INSULATION ADJUSTMENT 2119082-4 2079764-1 | WASHER, WAVE SPRING, CREST-TO-CREST - | 1 | 1 | 1 | 1 2119083-RETAINER, INSULATION DIAL SCR, SKT HD CAP M3 X 4.0 7 - 18023 - 7 2168400-6 |SHCS, LOW HEAD, RoHS, M5 X 16 MECHANICAL FEED ASSEMBLY 2119580-AIR FEED MODULE 2063440-2119740-2 TAG, IDENTIFICATION 198 SPACER, FEEDER 1901094-3 RING, RETAIN, EXTERN, 3/16 CRESCENT 21045-3 166 MAGNET, RARE EARTH HIGH ENERGY 994969-1 | REF | REF | REF | REF COUNTER, MAGNETIC 164 994970-2 240638-1 SPRING, FEED FINGER 163 3-23627-| PIN, RETAIN, GRVD, 3/16 X .854 HOLDER, FEED FINGER, AF 2119799-SEE NOTE 4 REF REF MEMORY CHIP, PROGRAMMED SERVO FEED LATCH ASM 1633743-1 REF REF 2119944-| FEED FINGER ASSEMBLY, SF - | 1 | 1 | 1 | 1 2119955-ASSY, LUBRICATOR, SIDE FEED - | 1 | 1 | 1 | 1 455888-6 SPACER, CRIMPER 2119956-|DOCUMENTATION PACKAGE - | 1 | 1 | 1 | 1 | 2119791-9 |DEPRESSOR, WIRE 6 7 2119740-|TAG,IDENTIFICATION 66 - | 2 | 2 | 2 | 2 | 2168078-SCREW, DRIVE, RH, RoHS, 2 x .188 63 2119793-LIMITER, ADJUSTMENT BOLT 62 SCR, SET, SOC, CONE PNT, M3 x 4.0 - | 3 | - | 3 | 3 | 992763-5 2079383-4 60 SCR, BHSC, RoHS (M4 X 8) 59 5-18022-5 SCR, HEX HD CAP, M4 X 6.0 56 1338683-8 |FEED PAWL 54 - | 4 | 4 | 4 | 4 | 2168400-SHCS, LOW HEAD, RoHS, M4 X 12 53 SCR, SKT HD CAP, RoHS, M4 X 10 - | 2 | 2 | 2 | 2 | 1-2168083-0 50 HOLD DOWN, SPRING LOADED 1803382-2 4 9 18023-9 SCR, SKT HD CAP M4 X 6.0 48 FEED CAM, PRE FEED 2119652-1 2119653-1 | FEED CAM, POST FEED 46 - | 1 | 1 | 1 | 1 2119656-9 APPLICATOR BASIC ASSEMBLY, SF 44 2119370-1 RAM, AMP STYLE, SIDE FEED 2079383-7 SCR, BHSC, RoHS (M8 X 25) 41 - | 1 | 1 | 1 | 1 | 40 2119645-1 DISC, NUMBERED FA WIRE ADJUSTMENT APPLICATOR SHIM PACK 39 2119957-1 RAM WASHER, PRECISION 38 1 1 1 1 1 1 1 1 -2119644-3 2119085-1 FA HEAD, ATLANTIC STYLE 35 2119092-1 BOLT, ADJUSTMENT 34 33 2 2 2 2 2 2079383-5 SCR, BHSC, RoHS (M4 X 20) HEX HEAD. FLANGED, M5 x 8mm LONG 2161328-1 SPACER, STRIP GUIDE 1 1 1 1 1 1 1 1 - 1320908 - 0 2119959-2 ASSEMBLY, STRIP GUIDE 455888-3 SPACER, CRIMPER STRIP GUIDE 1320928-2 2168083-2 SCR, SKT HD CAP, RoHS, M4 X 8.0 1 - 18028 - 2 | WASHER, FLAT, REG M4 2119533-1 STRIPPER, SIDE FEED 19 - | 1 | 1 | 1 | 1 | - | 1 | 1 | 1 | 1 | 2119806-1 linsert. Shear 3-22280-3 SPRING, COMPRESSION - | 1 | 1 | 1 | 1 | 1-356885-4 STOP, SHEAR 2119805-1 ISHEAR HOLDER, FRONT 10 - | 1 | 1 | 1 | 1 |  $\frac{1}{1}$  - | 1 | 1 | 1 | 1 | 1 1803095-1 IFLOATING SHEAR, FRONT ∖| 1 | 1 | 1 | 1 | 1 | 8-1633928-5 |ANVIL, COMBINATION \_ 2119757-8 | DEPRESSOR, SHEAR - | 1 | 1 | 1 | 1 238011-2 BLOCK, CRIMPER SPACER 1803228-1 CRIMPER, INSULATION F PREMIUM /1\| 1 | 1 | 1 | 1 | 1 | 2-456409-8 | CRIMPER, WIRE .120 "F" PREMIUM ITEM PART NO DESCRIPTION - 7 7 | - 7 | - 6 | - 5 | - 2 | NO THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. R. KNEPPER 26-JAN-18 TE Connectivity Harrisburg, PA 17105-3608 TOLERANCES UNLESS OTHERWISE SPECIFIED: 26-JAN-18 NAME Ocean Side Feed Applicator APPLICATION SPEC SIZE CAGE CODE DRAWING NO RESTRICTED TO | 00779 | C-2837089 SCALE 1.2 SHEET 1 OF 4 REV A stomer Accessible Production Drawing

REVISIONS

DESCRIPTION

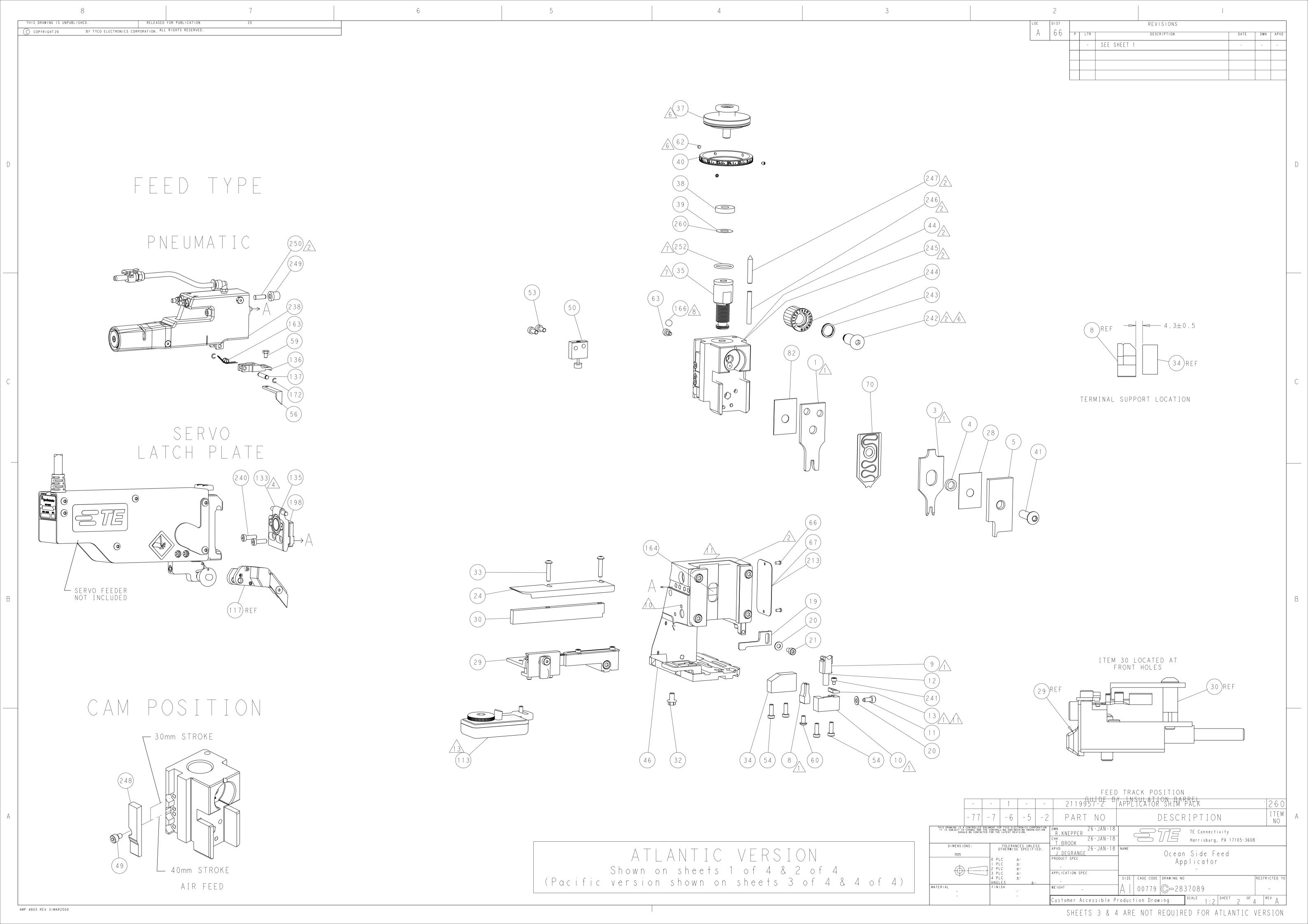
22FEB2018 | RK | JD

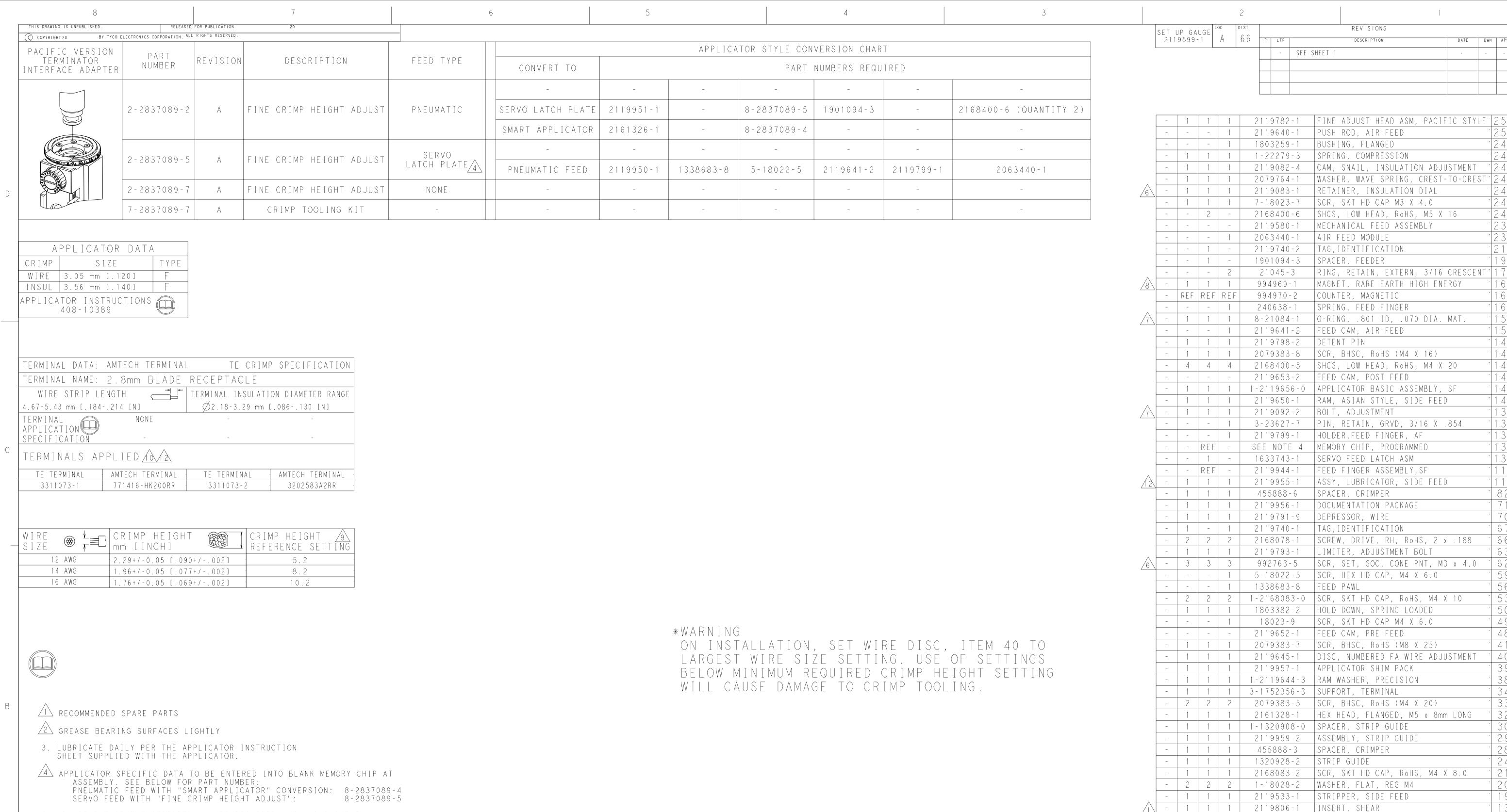
SET UP GAUGE

2119599-1

A 66

A RELEASED





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APPLICATOR BETWEEN BENCH AND LEADMAKER APPLICATIONS.

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

The dream of threads, groove and o-ring on items 139 & 152.

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

29 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.

10 TERMINAL PITCH NOT COMPATIBLE WITH MECHANICAL FEED.

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.

12 TERMINAL LUBRICANT IS RECOMMENDED.

PACIFIC VERSION

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

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION DWN SHOULD BE CONTACTED FOR THE LATEST REVISION. <u>.BROOK</u> TOLERANCES UNLESS OTHERWISE SPECIFIED: APPLICATION SPEC

3-22280-3

2119805-1

1803095-1

2119757-8

238011-2

1803228-1

1√| 1 | 1 | 1 | 1 | 2-456409-8 | CRIMPER, WIRE .120 "F" PREMIUM

1 | 1 | 1 | 1 | 8-1633928-5 | ANVIL, COMBINATION

1 1 1 1 1 - 356885 - 4

-77 | -27 | -25 | -22 | PART NO

WN 26-JAN-18 R.KNEPPER 26-JAN-18 TE Connectivity
Harrisburg, PA 17105-3608 26-JAN-18 NAME Ocean Side Feed Applicator SIZE CAGE CODE DRAWING NO

SPRING, COMPRESSION

SHEAR HOLDER, FRONT

DEPRESSOR. SHEAR

IFLOATING SHEAR, FRONT

BLOCK, CRIMPER SPACER

CRIMPER, INSULATION F PREMIUM

DESCRIPTION

STOP, SHEAR

00779 C-2837089 SCALE 1:2 SHEET 3 OF 4 REV A stomer Accessible Production Drawing

166

164

163

1 4 1

1 4 0

82

66

50

4 9

48

4 1

40

39

38

34 33

19

10

ITEM

NO

RESTRICTED TO

