





TERMINAL DATA: TE TERMINAL		TE CRIMP SPECIFICATION		
TERMINAL NAME: PIN MINI UNIVERSAL MATE-N-LOK TERMINAL				
WIRE STRIP LI	NGTH -	TERMINAL INSULATI	ON DIAMETER RANGE	
2.64-3.40 mm [.104134 IN]		Ø1.50-2.19 mm [.059086 IN]		
TERMINAL APPLICATION	114-16017	-	-	
SPECIFICATION	-	-	-	
TERMINALS APPLIED				
TE TERMINAL	TE TERMINAL	TE TERMINAL :	TE TERMINAL	
2825156-1	2825156-2	2825157-1	2825157-2	
	·	·	·	

TYPE

SIZE

APPLICATOR INSTRUCTIONS

WIRE | 1.57 mm [.062]

INSUL 2.29 mm [.090]

408-10389

WIRE SIZE 🛞 🗡	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT 9 REFERENCE SETTING
18 AWG	1.07+/-0.05 [.042+/002]	6.0
20 AWG	0.91+/-0.05 [.036+/002]	7.7
22 AWG	0.81+/-0.05 [.032+/002]	8.7

CRIMP

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: 8-2837225-4 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2837225-4 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST":

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.

ORIMP 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.

12. UNLESS SPECIFIED OTHERWISE TORQUE VALUES SHALL BE USED PER DOCUMENT 101-35000.

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.

FINE ADJUST HEAD ASM, PACIFIC STYLE 25 2119782-1 PUSH ROD, AIR FEED 2119640-BUSHING, FLANGED - | 1 1803259-1 SPRING. COMPRESSION 1 - 22279 - 3 CAM. SNAIL. INSULATION ADJUSTMENT 2119082-5 2079764-1 | WASHER, WAVE SPRING, CREST-TO-CREST RETAINER, INSULATION DIAL 2119083-1 7 - 18023 - 1 SCR, SKT HD CAP M3 X 4.0 SHCS, LOW HEAD, RoHS, M5 X 16 2168400-6 2119580-MECHANICAL FEED ASSEMBLY AIR FEED MODULE 2063440-TAG, IDENTIFICATION 2119740-2 1901094-3 SPACER, FEEDER RING, RETAIN, EXTERN, 3/16 CRESCENT - | 2 | 21045-3 166 | MAGNET, RARE EARTH HIGH ENERGY - | 1 | 1 | 1 | 1 994969-1 COUNTER, MAGNETIC 164 - | REF | REF | REF | REF 994970-2 163 - | 1 | 240638-1 SPRING, FEED FINGER 8 - 21084 - 1 O-RING, .801 ID, .070 DIA. MAT FEED CAM, AIR FEED - | 1 2119641-2 DETENT PIN - | 1 | 1 | 1 | 1 2119798-2 1 4 4 2079383-8 SCR, BHSC, RoHS (M4 X 16) - | 1 | 1 | 1 | 1 SHCS, LOW HEAD, ROHS, M4 X 20 - | 4 | 4 | 4 | 4 2168400-5 2119653-2 FEED CAM, POST FEED 1 4 1 APPLICATOR BASIC ASSEMBLY, SF 1-2119656-0 140 - | 1 | 1 | 1 | 1 2119650-1 RAM, ASIAN STYLE, SIDE FEED 2119092-2 |BOLT, ADJUSTMENT - | 1 3-23627-7 | PIN, RETAIN, GRVD, 3/16 X .854 136 2119799-1 HOLDER, FEED FINGER, AF 135 SEE NOTE 4 | MEMORY CHIP, PROGRAMMED REF -SERVO FEED LATCH ASM 1633743-1 REF -2119944-FEED FINGER ASSEMBLY, SF - | 1 | 1 | 1 | 1 2119955-ASSY, LUBRICATOR, SIDE FEED 82 455888-6 SPACER, CRIMPER 2119956 -|DOCUMENTATION PACKAGE DEPRESSOR, WIRE - | 1 | 1 | 1 | 1 2119791-9 TAG, IDENTIFICATION 2119740-1 SCREW, DRIVE, RH, RoHS, 2 x .188 2168078-1 66 2119793-LIMITER, ADJUSTMENT BOLT - | 1 | 1 | 1 | 1 - 3 3 3 3 SCR, SET, SOC, CONE PNT, M3 x 4.0 162 992763-5 | - | 1 | 1 | 5-18022-5 SCR, HEX HD CAP, M4 X 6.0 - | 1 | 1 | 1338685-1 |PAWL, FEED 2 2 2 2 1 - 2168083 - 0 SCR, SKT HD CAP, RoHS, M4 X 10 1803382-6 HOLD DOWN, SPRING LOADED 50 49 SCR, SKT HD CAP M4 X 6.0 18023-9 48 FEED CAM, PRE FEED 2119652-1 SCR, BHSC, RoHS (M8 X 25) 41 2079383-7 DISC, NUMBERED FA WIRE ADJUSTMENT 40 2119645-1 39 2119957-1 APPLICATOR SHIM PACK RAM WASHER. PRECISION 38 2119644-1 SUPPORT. TERMINAL 3 4 1752356-3 33 SCR, BHSC, RoHS (M4 X 20) 2079383-5 HEX HEAD, FLANGED, M5 x 8mm LONG 2161328-1 SPACER. STRIP GUIDE 1320908-3 ASSEMBLY, STRIP GUIDE 2119959-1 STRIP GUIDE 1320928-2 SCR, SKT HD CAP, RoHS, M4 X 8.0 2168083-2 1 - 18028 - 2 | WASHER, FLAT, REG M4 2119533-1 STRIPPER, SIDE FEED 19 INSERT, SHEAR - | 1 | 1 | 1 | 1 | 2119806 -3-22280-3 SPRING, COMPRESSION STOP, SHEAR 1 1 1 1 1 1 1 - 356885 - 4 2119805-1 ISHEAR HOLDER. FRONT 10 1803095-6 IFLOATING SHEAR, FRONT ∖| 1 | 1 | 1 | 1 | 1 | 9-1803318-8 |ANVIL, COMBINATION DEPRESSOR. SHEAR 2119757-4 1 1 1 1 2 - 238011 - 2 BLOCK, CRIMPER SPACER CRIMPER, INSULATION F PREMIUM 455888-3 SPACER, CRIMPER ITEM - 77 | - 27 | - 25 | - 22 | - 21 | PART NO DESCRIPTION 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. F.LIANG 04APR2018 1 TE Connectivity
Harrisburg, PA 17105-3608 .LIANG TOLERANCES UNLESS OTHERWISE SPECIFIED: 04APR2018 NAME Ocean Side Feed Applicator APPLICATION SPEC SIZE CAGE CODE DRAWING NO RESTRICTED TO

REVISIONS

DESCRIPTION

SEE SHEET 1

SET UP GAUGE

2119599-1

A 66

PACIFIC VERSION

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

SCALE 1:2 SHEET 3 OF 4 REV A

|| 00779 | C-2837225

stomer Accessible Production Drawing

