







WIRE SIZE	CRIMP HEIGHT mm [INCH]	CRIMP HEIGHT REFERENCE SETTING
1.50mm2	1.70+/-0.05 [.067+/002]	6.0
1.00mm2	1.50+/-0.05 [.059+/002]	8.1
0.50mm2	1 32+/-0 05 [ 052+/- 0021	10.2

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RECOMMENDED SPARE PARTS

TERMINALS APPLIED

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:

MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150429-4
PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150429-4
SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150429-5

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

6 APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62, 180 & 242.

GREASE THREADS, GROOVE AND O-RING ON ITEMS 139 & 153.

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.

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

THE RECOMMENDED SET-UP FOR END FEED APPLICATORS IS POST-FEED WITH
ITEM 2119653-1. THE APPLICATOR CAN BE CONFIGURED FOR PRE-FEED WITH
ITEM 2119652-1. BUT MAY ENCOUNTER PROBLEMS WITH SOME APPLICATIONS.
FEED ISSUES OR TERMINAL JAMMING MAY OCCUR IN THE PRE-FEED CONFIGURATION.

\*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.

	-	1	1	1	1	2119782-1	FINE ADJUST HEAD ASM, PACIFIC STYLE	251
	-	-	-	1	-	2119640-1	PUSH ROD, AIR FEED	250
	-	-	-	1	-	2079988-1	BUSHING, LCH5-12, MISUMI	249
	-	1	1	1	1	1-22279-3	SPRING, COMPRESSION	246
	-	1	1	1	1	2119082-7	CAM, SNAIL, INSULATION ADJUSTMENT	244
	-	_	1	1	1	2079764-1	WASHER, WAVE SPRING, CREST-TO-CREST	243
6	-	1	1	1	1	2119083-1	RETAINER, INSULATION DIAL	242
	- 77	- 27	- 25	- 22	- 21	PART NO	DESCRIPTION	ITEM NO

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

2168400-7 SHCS, LOW HEAD, RoHS, M5 X 10 MECHANICAL FEED ASSEMBLY 2119580-1 2063440-1 AIR FEED MODULE 2119740-2 TAG. IDENTIFICATION SCR. BHSC. RoHS (M6 X 20) 2079383-9 - - REF -FFFD FINGER ASSEMBLY FF 1901697-1 1-1752354-1 STANDOFF.HOLD-DOWN 6-993111-6 PIN, SLOTTED SPRING 3.0 X 14.0 8-22280-7 SPRING COMPRESSION 1752353-2 GUIDE PIN, HOLDDOWN 1901680-2 GUIDE PIN.HOLDDOWN 21045-3 RING, RETAIN, EXTERN, 3/16 CRESCENT 994969-1 MAGNET, RARE EARTH HIGH ENERGY COUNTER, MAGNETIC - REFREFREFREI 994970-2 240638-1 SPRING, FEED FINGER O-RING, .801 ID, .070 DIA. MAT 2119798-2 DETENT PIN 2079383-8 SCR, BHSC, RoHS (M4 X 16) 2119653-2 FEED CAM, POST FEED 142 APPLICATOR BASIC ASSEMBLY, EF 2119655-6 141 140 RAM. ASIAN STYLE. END FEED 2119651-1 2119092-2 BOLT, ADJUSTMENT
PIN. RETAIN. GRVD. 3/16 X .854 3-23627-7 SEE NOTE 4 MEMORY CHIP, PROGRAMMED 1633743-1 SERVO FEED LATCH ASM 455888-4 SPACER, CRIMPER 2119956-2 DOCUMENTATION PACKAG 2-18032-2 SCR, SET, FLT POINT M3 X 10.0 2119740-1 SCREW, DRIVE, RH, RoHS, HOLDDOWN, TERMINAI SHCS, LOW HEAD, RoHS, M4 X 20 LIMITER, ADJUSTMENT BOLT 6 - 3 3 3 992763-5 SCR, SET, SOC, CONE POINT, M3 x 4.0 SCR, HEX HD CAP, M4 X 6.0 5-18022-5 FEED FINGER 2063961-1 2168400-4 SHCS, LOW HEAD, RoHS, M4 X 8 SCR, SKT HD CAP, RoHS, M4 X 8.0 2168083-2 NUT, HEX, REG, RoHS, M4 5018030-2 NUT. HEX. REG. RoHS. M3 5018030-1 986965-8 NUT, LOCK, HEX, TORQUE (M4) 1-5018030-0 NUT, HEX, REG, RoHS, M3.5 2119792-1 PAWL, EF, AIR 18023-9 SCR, SKT HD CAP M4 X 6.0 2119652-1 FEED CAM. PRE FEED SCR, BHSC, RoHS (M8 X 25) DISC, NUMBERED FA WIRE ADJUSTMENT 40 APPLICATOR SHIM PACK 1-2119644-2 RAM WASHER, PRECISION 1-18028-2 WASHER, FLAT, REG M4 SCR, SKT HD CAP, RoHS, M4 X 20 2168083-9 1-2168083-0 SCR, SKT HD CAP, RoHS, M4 X 10 STRIPPER (MACHINING) 240639-1 STUD. THREADED 1320906-1 PLATE, STRIP GUID 1752371-3 PLATE STRIP HOLD DOWN 240825-1 2-22281-3 SPRING, COMPRESSION 1752373-4 DRAG 1901259-4 GUIDE, LOWER STRIP 240641-2 SPACER 1752360-1 SPACER.HOLD-DOWN PLATE, REAR SHEAR 690482-4 PLATE, FRONT SHEAR 4-1803000-9 ANVIL, COMBINATION, END FEED 1-2217206-0 BLADE, SLUG 3-240641-0 SPACER 238009-1 BLOCK, FL CRIMPER SPACER 9-2119582-3 CRIMPER, INSULATION F PREMIUM 455888-8 SPACER, CRIMPER 1 - 456405 - 3 CRIMPER, WIRE PREMIUM PART NO ITEM 77-27-25-22-21 DESCRIPTION | DWN | HOFFNER | 15APR2014 | HOFFNER | 16APR2014 | G.BAILEY | 16APR2014 | P HIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS COI IT IS SUBJECT TO CHANGE AND THE CONTROLLING EMSINEERING ORGAN SHOULD BE CONTACTED FOR THE LATEST REVISION. TE Connectivity
Harrisburg, PA 17105-3608 TOLERANCES UNLESS Ocean End Feed G.BAILEY PRODUCT SPEC 0 PLC 1 PLC 2 PLC 3 PLC 4 PLC Applicator PLICATION SPE A | 00779 C-2150429 Customer Accessible Production Drawing SCALE 1:1 SHEET 3 OF 4 REV A SHEETS 1 & 2 ARE NOT REQUIRED FOR PACIFIC VERSION

REVISIONS

SEE SHEET 1

SET UP GAUGE A 66

AMP 4805 REV 31MAR200

