





Д	A	
CRIMP	SIZE	TYPE
WIRE	1.70 mm [.067]	F
INSUL	2.50 mm [.098]	F
APPl		

TERMINAL DATA: STOCKO TERMINAL	STOCKO CRIMF	SPECIFICATION
TERMINAL NAME: 2.8 SERIES R	RECEPTACLE TE	RMINAL
WIRE STRIP LENGTH	INSULATION DI	AMETER RANGE
3.07-3.83 mm [.121151 [N]		[.061093 [N]
TERMINAL F093 Rev 04/11/2010 APPLICATION -	-	-
SPECIFICATION		
TERMINALS APPLIED		
TE TERMINAL STOCKO TERMINAL .	TE TERMINAL .	STOCKO TERMINAL

TE TERMINAL .	STOCKO TERMINAL	TE TERMINAL	STOCKO TERMINAL
2318338-1	RSB 7990.055 F 2.8-0.5	2318338-3	RSB 7785.055 F 2.8-0.5
2318338-2	RSB 7990.058 F 2.8-0.5	2318338-4	RSB 7785.058 F 2.8-0.5

WIRE STATE		CRIMP HEIGHT
SIZE W	mm [INCH]	REFERENCE SETTING
20 AWG OR 0.50mm2	1.10+/-0.02 [.043+/001]	9.9
22 AWG OR 0.35mm2 ·	1.02+/-0.02 [.040+/001]	10.7
24 AWG OR 0.22mm2	0.96+/-0.02 [.038+/001]	11.3



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: MECHANICAL FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150818-4 PNEUMATIC FEED WITH "SMART APPLICATOR" CONVERSION: 8-2150818-4 SERVO FEED WITH "FINE CRIMP HEIGHT ADJUST": 8-2150818-5

5. ADJUSTMENT OF THE STRIPPER MAY BE REQUIRED WHEN MOVING THE APPLICATIONS.

APPLY PART NUMBER 1-23419-5 LOCTITE TO THREADS OF ITEMS 62 & 180. APPLY PART NUMBER 2-23419-6 LOCTITE TO THREADS OF ITEM 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.

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.

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

11 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 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	1	_	2119640-1	PUSH ROD, AIR FEED	250
_	_	-	1	_	1803259-1	BUSHING, FLANGED	249
_	1	1	1	1	1 - 22279 - 3	SPRING, COMPRESSION	246
- 77	- 27	- 25	- 22	- 21	PART NO	DESCRIPTION	I T E M N O

PACIFIC VERSION

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

	SET UP GA		DIST		REVISIONS			
	2119599	- 2 A	66	P LTR - S	DESCRIPTION EE SHEET 1	DATE -	DWN -	APVD -
_		1	211908	32 - 7	CAM, SNAIL, INSULATION ADJUSTM	ENT	7	4 4
_	1 1 1	1	207976	54-1	WASHER, WAVE SPRING, CREST-TO-		2	43
<u> </u>	1 1 1 1	1	211908		RETAINER, INSULATION DIAL SHCS, LOW HEAD, ROHS, M5 X 10		_	42
_		1	211958	30 - 1	MECHANICAL FEED ASSEMBLY		2	39
	1 - 1 - 1	-	206344		AIR FEED MODULE TAG,IDENTIFICATION		_	38
_	4 4 4	4	207938	33-9	SCR, BHSC, RoHS (M6 X 20)		1	86
6 -	- REF - 1 1 1	1	<u> 190169</u> 1-17523		FEED FINGER ASSEMBLY, EF STANDOFF, HOLD-DOWN			83
_	1 1 1	1	6-9931		PIN, SLOTTED SPRING 3.0 X 14.0			7 7
_	1 1 1	1	8 - 2228 175235		SPRING, COMPRESSION GUIDE PIN, HOLDDOWN		1	7 6 7 5
_	1 1 1	1	190168		GUIDE PIN, HOLDDOWN		1	7 4
-	2	<u> </u>	21045		RING, RETAIN, EXTERN, 3/16 CRE		1	72
_	REFREFREF	REF	99496		MAGNET, RARE EARTH HIGH ENERGY COUNTER, MAGNETIC			66
_	- <u>- 1</u>	_ 1	24063		SPRING, FEED FINGER			63
_	1	-	8-2108 211964		O-RING, .801 ID, .070 DIA. MAT FEED CAM, AIR FEED	,		53 52
_	1 1 1	1	211979	8-2	DETENT PIN		1	45
_		1	207938		SCR, BHSC, RoHS (M4 X 16) FEED CAM, POST FEED		_	4 4 4 2
_	1 1 1	1	211965	55-6	APPLICATOR BASIC ASSEMBLY, EF		1	41
_	1 1 1 1	1	211965		RAM, ASIAN STYLE, END FEED BOLT, ADJUSTMENT			40 39
_	1	-	3-2362	? 7 - 7	PIN, RETAIN, GRVD, 3/16 X .854		1	37
-	- REF - - 1 -	-	SEE NO. 163374		MEMORY CHIP, PROGRAMMED SERVO FEED LATCH ASM			35
_	1 1 1	1	45588		SPACER, CRIMPER			32
_	2 2 2	1 2	211995		DOCUMENTATION PACKAGE SCR, SET, FLT PNT, M3 X 10.0		-	<u>' 1</u>
_	1 - 1	1	211974		TAG, IDENTIFICATION			5 7
-	2 2 2	2	216807		SCREW, DRIVE, RH, ROHS, 2 x .1	88		56
_	2 2 2	2	<u>1 - 1 9 0 1 6</u> 2 1 6 8 4 0		HOLDDOWN, TERMINAL SHCS, LOW HEAD, RoHS, M4 X 20			5 5
_	1 1 1	1	211979		LIMITER, ADJUSTMENT BOLT	4 ^		3
	3 3 3	3	99276		SCR, SET, SOC, CONE PNT, M3 x SCR, HEX HD CAP, M4 X 6.0	4.0		52
_		1	206396	51 - 1	FEED FINGER		5	8
	3 3 3 2 2 2	3 2	216840		SHCS, LOW HEAD, ROHS, M4 X 8 SCR, SKT HD CAP, ROHS, M4 X 8.	0		5 6
_	2 2 2	2	501803	30 - 1	NUT, HEX, REG, RoHS, M3		5	4
_	2 2 2	2	98696 1-50180		NUT, LOCK, HEX, TORQUE (M4) NUT, HEX, REG, RoHS, M3.5			53
_	1	-	211979	2-2	PAWL, EF, AIR		5	5 1
_	1	2	18023		SCR, SKT HD CAP M4 X 6.0 FEED CAM, PRE FEED			l 9 l 8
_	1 1 1	1	207938		SCR, BHSC, RoHS (M8 X 25)			1 1
_	1 1 1	1	211964		DISC, NUMBERED FA WIRE ADJUSTM APPLICATOR SHIM PACK	ENT		10
_	1 1 1	1	1 - 21196		RAM WASHER, PRECISION			88
_	7 7 7	7	1-1802		WASHER, FLAT, REG M4			3
_	2 2 2 2 2	2	216808 1-21680		SCR, SKT HD CAP, RoHS, M4 X 20 SCR, SKT HD CAP, RoHS, M4 X 10			3 1
-	1 1 1	1	24063		STRIPPER (MACHINING)			7
_	2 2 2 1 1 1 1	2	1-21680 175237		SCR, SKT HD CAP, RoHS, M4 X 30 PLATE, STRIP GUIDE			2.5
_	1 1 1	1	24082	5 - 1	PLATE, STRIP HOLD DOWN		2	2 3
_	2 2 2 1 1 1 1	2	2-2228 180329		SPRING, COMPRESSION DRAG			2 2
_	2 2 2	2	190125	59-4	GUIDE, LOWER STRIP		1	8
-		-	24064	4 - 9	PLATE, REAR SHEAR -		1 1	0
-	1 1 1	1	5-6904		PLATE, FRONT SHEAR			9
1 -	1 1 1 1		3 - 18032 1 - 22172		ANVIL, COMBINATION, END FEED BLADE, SLUG			8 7
_		-	-		-			6
	1 1 1 1	1	24064		SPACER BLOCK, FL CRIMPER SPACER			<u>5</u>
1	1 1 1	1 1	4-16339		CRIMPER, INSULATION F PREMIUM			3
-		1	45588 2 - 18033		SPACER, CRIMPER CRIMPER, WIRE			2
7 -	7-27-25-22	- 21	<u>2 - 18033</u> Part		DESCRIPTION			EM
DRAWING IS A	CONTROLLED DOCUMENT FOR TYCO ELEC CHANGE AND THE CONTROLLING ENGINI LD BE CONTACTED FOR THE LATEST REV	CTRONICS CORPORATION EERING ORGANIZATION VISION	N DWN	 28JUN:				10
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MW		NCES UNLESS E SPECIFIED: ±-	APVD K.ZHAN PRODUCT SE	28JUN; IG	Ocean End Feed			
	PLC 2 PLC 3 PLC	±- ±- ±-	- APPLICATIO		Applicator -			
I A L		±- ±-	- WEIGHT		SIZE CAGE CODE DRAWING NO A 00779 C = 2150818	R	ESTRIC -	TED TO
	1	-			M 1 00110 0 2130010			Λ

