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PART NUMBER	REV	FIRST USED
687394-1	Y	–

TERMINAL NAME: .187 FASTON RECEPTACLE		
		42800
		60529
		61029
		62213
		63540
TERM APPL SPEC 114-2078		

CRIMPING DATA

PAD LTR	CRIMP HEIGHT	WIRE SIZE
A	.040 ±.002 [1.02mm±0.05mm]	16
B	.037 ±.002 [0.94mm±0.05mm]	18
C	.035 ±.002 [0.89mm±0.05mm]	20
D		

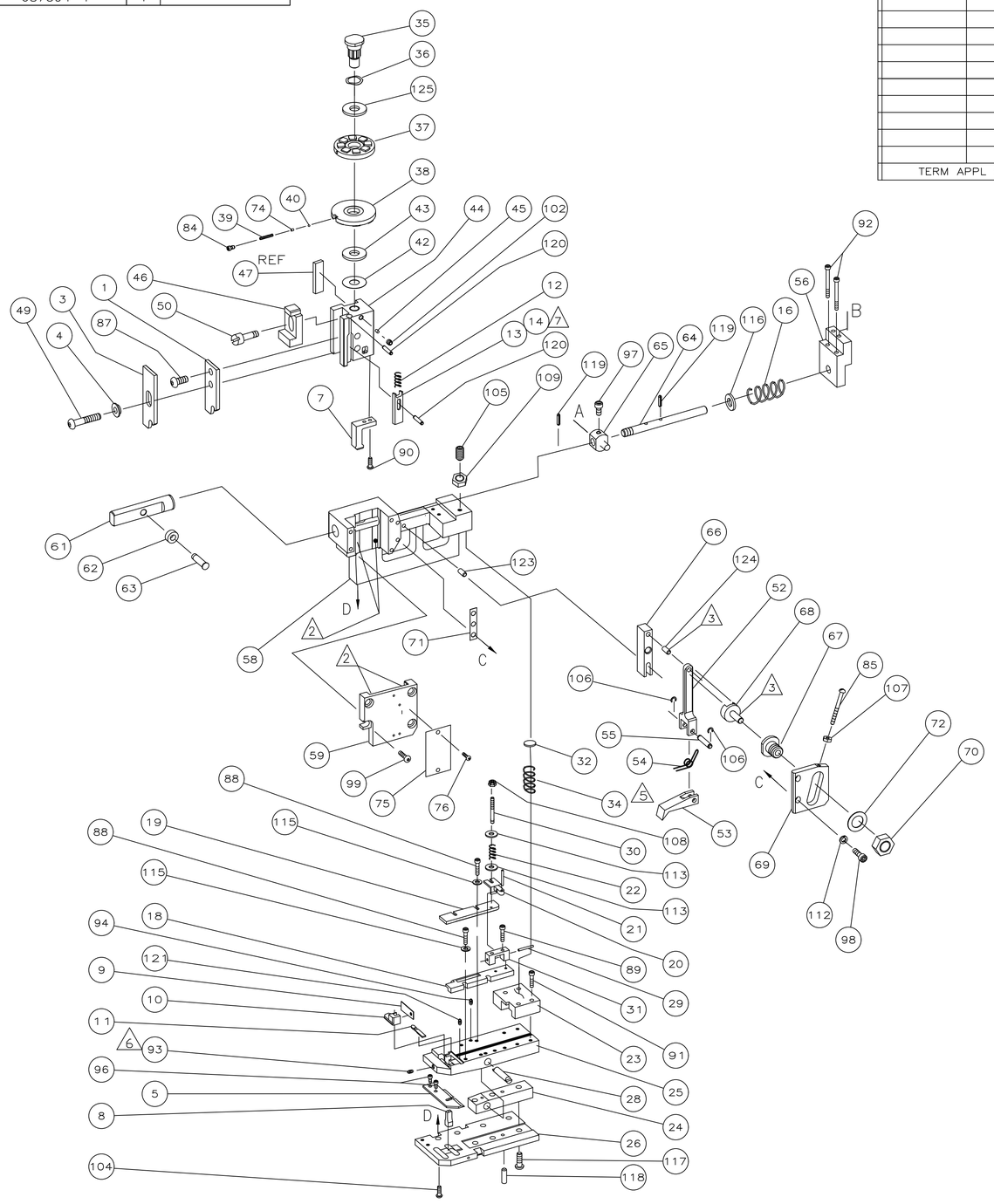
CRIMP	SIZE	TYPE	RANGE
WIRE	.140 [3.56mm]	TAB LOCK	20-16
INSUL	.140 [3.56mm]	0	.110-.170

FEED	APPL INST	SET UP GAGE	LAYOUT
.510	△18031	–	–

WIRE STRIP LENGTH .173-.203

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	Y	ECR-17-013381	9-2017	RS	LZ

–1	LEADMAKER	MECH POST FEED



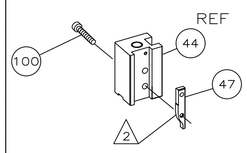
					129
					128
					127
					126
					125
–	1	–	1-21030-2	PIN, DOWEL (Ø.187X.62)	124
–	1	–	1-21030-6	PIN, DOWEL (Ø.187X1.25)	123
					122
–	1	–	3-21028-2	PIN, SLOTTED SPRING (Ø.094X.25)	121
–	2	–	4-21028-9	PIN, SLOTTED SPRING (Ø.125X.38)	120
–	2	–	5-21028-1	PIN, SLOTTED SPRING (Ø.125X.50)	119
–	1	–	21029-5	PIN, SLOTTED SPRING (Ø.188X.75)	118
–	2	–	3-21002-4	SCREW, BHC (1/4-20X.62)	117
–	1	–	21899-4	WASHER, FLAT (5/16)	116
–	4	–	21024-4	WASHER, LOCK (#8)	115
					114
–	2	–	21899-2	WASHER, FLAT (#10)	113
–	2	–	21024-5	WASHER, LOCK (#10)	112
					111
					110
–	1	–	1-22202-7	NUT, HEX (5/16-24)	109
–	1	–	21022-3	NUT,HEX (LOCKING)(10-32)	108
–	1	–	21018-5	NUT, HEX (6-32)	107
–	2	–	21045-3	RING,RET"C"(Ø.187)FD PIN	106
–	1	–	8-21007-5	SCREW,SKT SET(5/16-24x.75)	105
–	7	–	2-22733-8	SCREW, BHC (1/4-20X.62)	104
					103
–	1	–	21009-2	SCREW,SKT SET(1/4-20x.25)	102
					101
–	7	–	3-21000-9	SCREW, SHC (10-32X1.00)	100
–	4	–	3-21000-8	SCREW, SHC (10-32X.88)	99
–	2	–	3-21000-6	SCREW, SHC (10-32X.62)	98
–	1	–	3-21000-4	SCREW, SHC (10-32X.38)	97
–	2	–	7-21000-6	SCREW, SHC (10-32X.31)	96
					95
–	1	–	4-21006-5	SCREW, SKT SET (8-32X.25)	94
△6 –	1	–	21061-9	SCREW, SKT SET (8-32X.25)	93
–	2	–	9-21000-3	SCREW, SHC (8-32X2.00)	92
–	4	–	2-21000-9	SCREW, SHC (8-32X.75)	91
–	2	–	1-23030-1	SCREW, SHC (NYLOK)(8-32X.62)	90
–	2	–	2-21000-8	SCREW, SHC (8-32X.62)	89
–	4	–	2-22603-3	SCREW, HEX (8-32X.62)	88
–	1	–	2-21002-1	SCREW, BHC (8-32X.38)	87
					86
–	1	–	6-23715-5	SCR,PAN HD(6-32x1.50)FEED ADJ	85
–	2	–	23030-1	SCREW, SHC(NYLOK)(6-32X.25)	84
					83
					82
					81
					80
					79
					78
					77
–	2	–	21017-2	SCR,DRIVE(#2X.19)ID	76
–	1	–	461264-1	PLATE, IDENTIFICATION	75
–	1	–	690603-1	SPRING, ASSIST	74
					73
–	1	–	458109-1	WASHER, SPECIAL	72
–	1	–	690517-1	SPACER	71
QTY –	–1	U/M	PART NO	DESCRIPTION	ITEM NO

PARTS LIST

–	1	–	22594-8	NUT, HEX	70
–	1	–	240628-1	PLATE, ADJ	69
–	1	–	240626-1	SHAFT, PIVOT	68
–	1	–	240633-1	BUSHING	67
–	1	–	240630-1	LEVER, INTERMEDIATE	66
–	1	–	1804317-1	BLOCK, PIVOT	65
–	1	–	1633286-1	SCR, ADJ	64
–	1	–	240659-3	PIN, CAM ROLLER	63
–	1	–	240658-1	ROLER, CAM	62
–	1	–	240631-1	ROD, FEED	61
					60
–	1	–	2217626-1	CAP ASSEMBLY	59
–	1	–	2217625-1	HOUSING	58
					57
–	1	–	458361-1	GUIDE,FEED ROD	56
–	1	–	240624-1	PIN, FEED FINGER	55
–	1	–	691499-1	SPRING, FEED FINGER	54
–	1	–	454568-1	FINGER, FEED	53
–	1	–	240634-1	LEVER, TERMINAL	52
					51
–	1	–	2256119-1	SCREW, SHOULDER	50
–	1	–	3-21002-5	BOLT, CRIMPER	49
					48
–	1	–	238015-1	CAM, POST-FEED 1 5/8 ST	47
–	1	–	690578-3	BLOCK, INSULATION ADJUST	46
–	1	–	690191-1	PLUG, NYLON	45
–	1	–	2217624-1	RAM	44
–	1	–	690125-1	WASHER, LAMINATED	43
–	1	–	1-690124-1	WASHER, RAM	42
					41
–	1	–	23241-6	BALL, STEEL	40
–	1	–	690170-1	SPRING, COMPRESSION	39
–	1	–	690142-1	DISC, INSULATION	38
–	1	–	8-690692-6	WIRE DISC, PLASTIC	37
–	1	–	22480-5	WASHER, SPRING	36
–	1	–	690212-1	POST, RAM	35
△5 –	1	–	3-23846-5	SPRING, HINGE BAR	34
					33
–	1	–	690573-1	SPACER, SPRING	32
–	1	–	454569-1	MOUNT, DRAG	31
–	1	–	1-22354-8	STUD, DRAG	30
–	1	–	21030-2	PIN, MOUNT, DRAG	29
–	1	–	1633530-1	PIN, HINGE	28
–	–	–	–	–	27
–	1	–	684905-1	PLATE, BASE	26
–	1	–	454579-2	HINGE BAR	25
–	1	–	690571-1	BLOCK, STABILIZER	24
–	1	–	690585-1	BLOCK, PRESSURE	23
–	1	–	8-22282-6	SPRING, DRAG	22
–	1	–	21030-6	LEVER, DRAG	21
–	1	–	454570-1	DRAG, STOCK	20
–	1	–	454573-1	GUIDE, STRIP (REAR)	19
–	1	–	454571-3	GUIDE, STRIP (FRONT)	18
					17
–	1	–	4-22284-9	SPRING, FEED RETURN	16
					15
					14
△1 –	1	–	692134-7	POSITIONER,TERMINAL	13
–	1	–	5-22280-5	SPRING,TERM. POSITIONER	12
–	1	–	454712-3	PLATE, REAR SHEAR	11
–	1	–	454578-1	ANVIL INSERT	10
△1 –	1	–	690569-3	PLATE, FRONT SHEAR	9
–	1	–	690718-1	ANVIL	8
–	1	–	454575-1	BLADE, SLUG	7
–	–	–	–	–	6
–	1	–	684906-1	PLATE,ANVIL RETAINING	5
–	1	–	690574-1	SPACER,TUBULAR INSUL CRIMPER	4
△1 –	1	–	690715-1	CRIMPER, INSULATION	3
–	–	–	–	–	2
△1 –	1	–	690716-3	CRIMPER, WIRE	1
QTY –	–1	U/M	PART NO	DESCRIPTION	ITEM NO

PARTS LIST

POST-FEED 1 5/8 STROKE



△1 RECOMMENDED SPARE PARTS.

△2 GREASE LIGHTLY.

△3 LUBRICATE DAILY USING NO. 20 MACHINE OIL.

4. ONLY THE PARTS A HARDWARE LISTED ON PARTS LIST ARE USED ON THIS APPLICATOR.

△5 AFTER ASSEMBLY OF APPLICATOR, PROPER SPRING PRESSURE (ITEM 34) CAN BE OBTAINED BY TIGHTENING SET SCREW (ITEM 123) UNTIL CONTACT IS MADE WITH SPACER (ITEM 32) THEN TIGHTEN AN ADITIONAL 5 1/2 – 6 REVOLUTIONS.

△6 USE SEALANT 1-23419-5 AT ASSEMBLY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –
FINISH –

DWN	C.CHEN	Feb-2009
CHK	S.XI	Feb-2009
APVD	N.DEMING	Feb-2009
PRODUCT SPEC	–	
APPLICATION SPEC	–	
WEIGHT	0	

TE Connectivity

NAME: END FEED HINGE BAR APPLICATOR – –

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-687394-1	–

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 1 | REV Y