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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

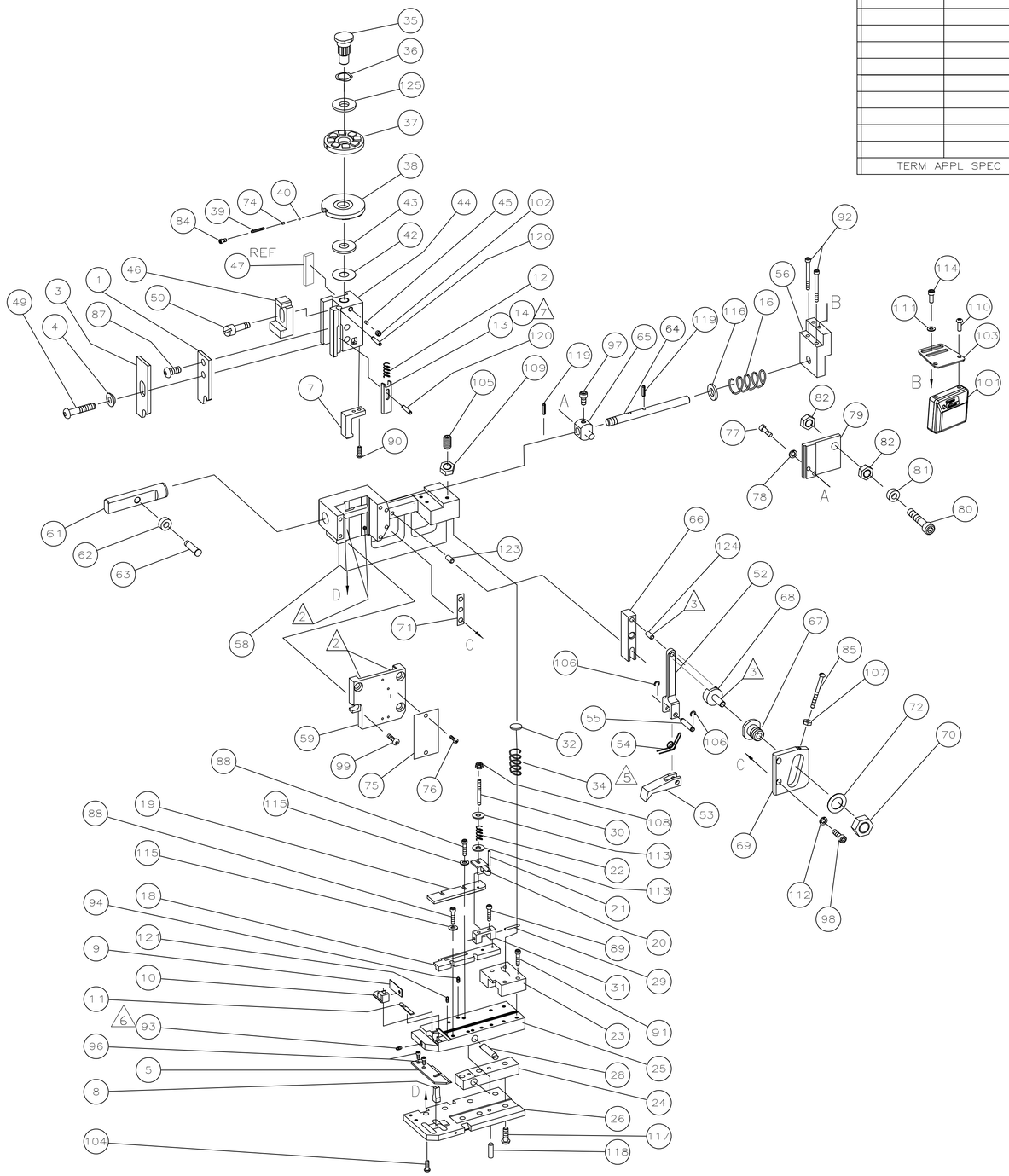
FEED	APPL INST	SET UP GAGE	LAYOUT
.510	△18031	–	–

WIRE STRIP LENGTH .173–.203

LOC	DIST
A	66

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	V	ECR–14–002777	2–2014	XZ	JG

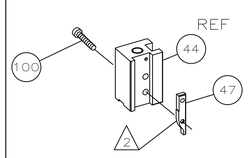


	QTY		PART NO	DESCRIPTION	ITEM NO
					129
					128
					127
					126
					125
	–	1	–	1–21030–2	PIN, DOWEL (Ø.187X.62)	124
	–	1	–	1–21030–6	PIN, DOWEL (Ø.187X1.25)	123
					122
	–	1	–	3–21028–2	PIN, SLOTTED SPRING (Ø.094X.25)	121
	–	2	–	4–21028–9	PIN, SLOTTED SPRING (Ø.125X.38)	120
	–	2	–	5–21028–1	PIN, 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
	–	2	–	2–21000–6	SCR,SHC (8–32X.38)COUNTER	114
	–	2	–	21899–2	WASHER, FLAT (#10)	113
	–	2	–	21024–5	WASHER, LOCK (#10)	112
	–	2	–	18028–2	WASHER,FLAT(M4)COUNTER	111
	–	2	–	994991–5	SCR,OVAL HD(M4X12)COUNTER	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
	–	1	–	1804303–1	BRACKET, COUNTER MTG	103
	–	1	–	21009–2	SCREW,SKT SET(1/4–20x.25)	102
	–	1	–	1804300–1	APPLICATOR COUNTER ASSY	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
	–	2	–	22593–1	NUT, HEX JAM(1/4–20)BRACKET	82
	–	1	–	1804310–1	MAGNET, RING	81
	–	1	–	3–21081–2	SCR,SHC(1/4–20X1.00)BRACKET	80
	–	1	–	1804318–1	BRACKET, MAGNET HOLDER	79
	–	2	–	21024–3	WASHER, LOCK (#6)BRACKET	78
	–	2	–	2–21000–0	SCR,SHC(6–32X.50)BRACKET	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

PARTS LIST

	QTY		PART NO	DESCRIPTION	ITEM NO
	–	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	–	1804319–1	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

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	–	

TE Connectivity
Harrisburg, PA 17105–3608

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 V

4805 (1/08)

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