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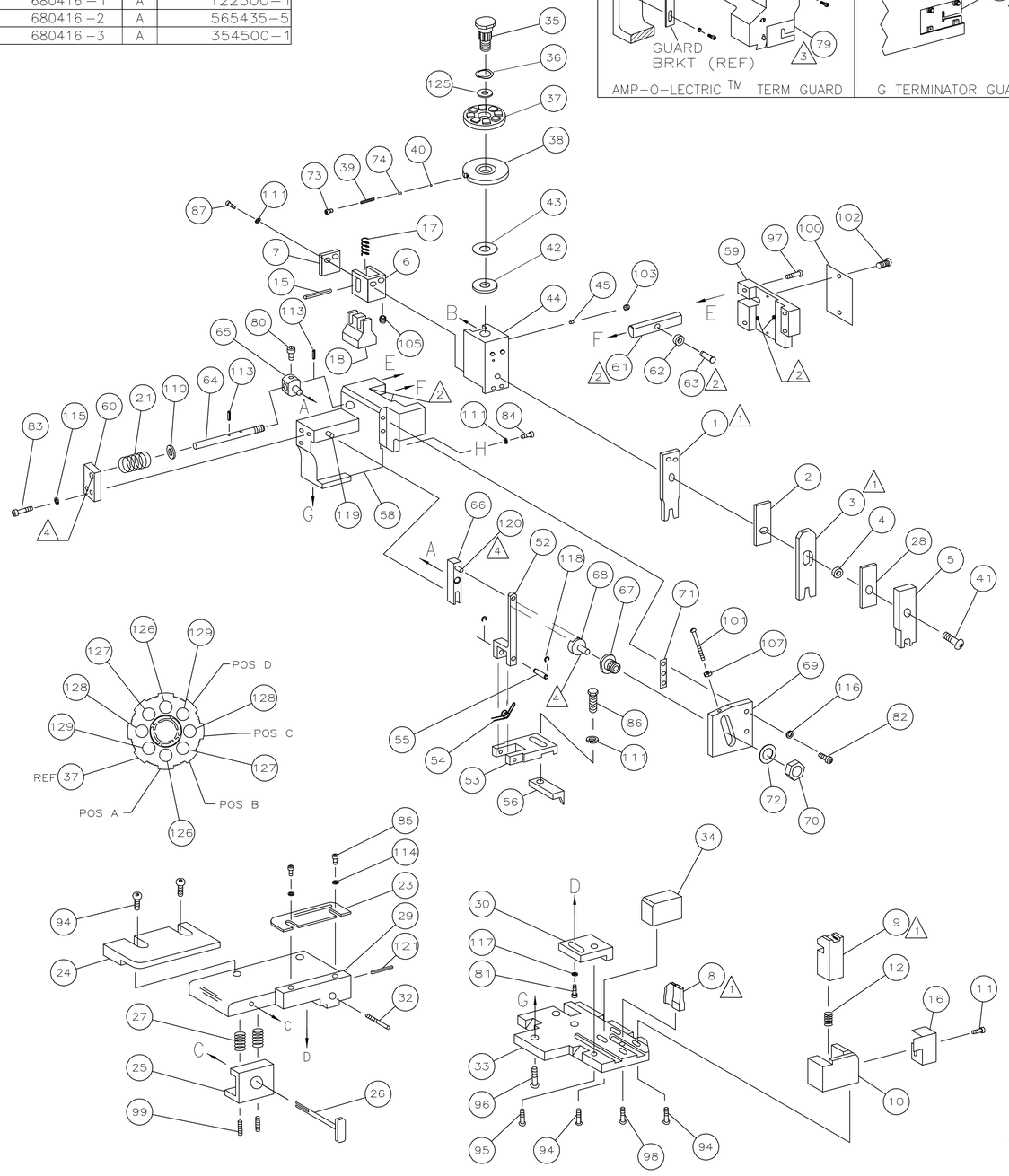
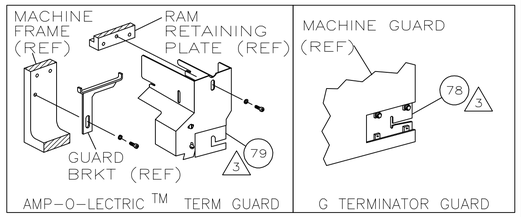
PART NUMBER	REV	FIRST USED
680416-1	A	122500-1
680416-2	A	565435-5
680416-3	A	354500-1





TERMINAL NAME: TIMER CONTACT

63943-1

PAD LTR	CRIMP HEIGHT	WIRE SIZE
A	.052 ±.002 [1.32 ±0.05mm]	18
B	.049±.002 [1.24±0.05mm]	(2) 22 △7
C	.047 ±.002 [1.19 ±0.05mm]	20
D	.043 ±.002 [1.09 ±0.05mm]	22

CRIMP	SIZE	TYPE	RANGE
WIRE	.070 [1.78mm]	F	22-18
INSUL	.140 [3.56mm]	F	.075-.130

WIRE STRIP LENGTH	TERM APPL SPEC	FEED	APPL INSTRUCTION	SET UP GAGE	LAYOUT
.172 △7	114-49003	.500	408-8040	458637-1	L1866

LOC	DIST
A	66

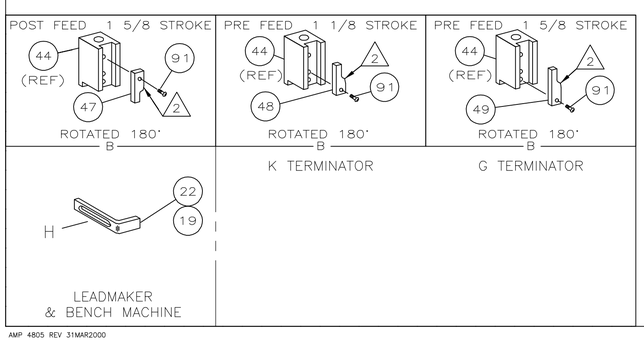
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECR-07-008457	4-2007	MY	GB

-1	LEADMAKER	MECH POST FEED
-2	BENCH MODEL K	MECH PRE FEED
-3	BENCH MODEL G	MECH PRE FEED

QTY REQD PER ASSY				PARTS LIST		ITEM NO
-3	-2	-1	U/M	PART NO	DESCRIPTION	
2	2	2	-	3-354779-6	PIN, WIRE DISC (.3170)D	129
2	2	2	-	2-354779-8	PIN, WIRE DISC (.3130)C	128
2	2	2	-	2-354779-4	PIN, WIRE DISC (.3110)B	127
2	2	2	-	1-354779-8	PIN, WIRE DISC (.3080)A	126
1	1	1	-	986950-1	WASHER, FLAT PRECISION	125
1	1	1	-	217238-1	GENERAL INSTRUCTION PACKAGE	124
1	1	1	-	4088040	SF APPL INST 408-8040	123
						122
1	1	1	-	4-21028-0	PIN,SLT SPR(Ø.093x.75)ST GDE PL	121
REF	REF	REF	-	1-21030-1	PIN,DOWEL(Ø.187x.50)LEVER	120
REF	REF	REF	-	1-21030-6	PIN,DOWEL(Ø.187x1.25)HOUSING	119
REF	REF	REF	-	21045-3	RING,RET "C"(Ø.187)FD FING PIN	118
1	1	1	-	21024-5	WASHER, LOCK(#10)ADJ BLOCK	117
REF	REF	REF	-	21024-5	WASHER,LOCK(#10)ADJ PLATE	116
REF	REF	REF	-	21024-5	WASHER,LOCK(#10)FEED GDE ROD	115
2	2	2	-	21024-2	WASHER,LOCK(#4)FRONT STP GUIDE	114
REF	REF	REF	-	5-21028-1	PIN,SLT SPR(Ø.125x.50)ADJ ROD	113
						112
4	4	4	-	21024-4	WASHER,LOCK(#8)STRIPPER	111
REF	REF	REF	-	21899-4	WASHER,FLAT(Ø5/16)SCREW ADJ	110
						109
1	1	1	-	21018-5	NUT,HEX(NO.6)HOLDDOWN	108
REF	REF	REF	-	21018-5	NUT,HEX(6-32)FEED ADJ	107
						106
1	1	1	-	2-21008-1	SCR,SKT SET(4-40x.25)CARRIER	105
						104
1	1	1	-	21009-2	SCR,SKT SET(1/4-20x.25 LW)RAM	103
2	2	2	-	21017-2	SCR,DRIVE(#2x.19)ID PLATE	102
REF	REF	REF	-	6-23715-5	SCR,PAN HD(6-32x1.50)FEED ADJ	101
1	1	1	-	461264-1	PLATE, IDENTIFICATION	100
2	2	2	-	5-21006-6	SCR,SET(10-32x.75)DRAG	99
1	1	1	-	22733-8	SCR,BHC(8-32x.38 LW)ANVIL	98
REF	REF	REF	-	2-21002-9	SCR,BHC(10-32x.75)CAP	97
REF	REF	REF	-	2-22733-8	SCR,BHC(1/4-20x.62)HOUSING	96
REF	REF	REF	-	2-21002-7	SCR,BHC(10-32x.50)SG ADJ BLOCK	95
6	6	6	-	2-21002-2	SCR,BHC(8-32x.50)TERM H DWN	94
						93
						92
1	1	1	-	1-21002-7	SCR,BHC(6-32x.38)CAM	91
						90
						89
						88
△6 2	2	2	-	3-21000-0	SCR,SHC(8-32x.88)DEP-HOLD	87
1	1	1	-	2-22603-0	SCR,HEX HD(8-32x.31)FEED FINGER	86
2	2	2	-	1-21000-3	SCR,SHC(4-40x.25)F ST GUIDE	85
1	1	1	-	2-21000-7	SCR,SHC(8-32x.50)STRIPPER	84
REF	REF	REF	-	3-21000-7	SCR,SHC(10-32x.75)FEED ROD GD	83
REF	REF	REF	-	3-21000-6	SCR,SHC(10-32x.62)FD ADJ BLK	82
1	1	1	-	3-21000-4	SCR,SHC(10-32x.38)SG ADJ BL	81
REF	REF	REF	-	3-21000-4	SCR,SHC(10-32x.38)PIVOT BLK	80
△3 -	REF	-	-	455749-1	GUARD, WINDOW	79
△3 REF	-	-	-	679532-1	INSERT, GUARD	78
						77
						76
						75
1	1	1	-	690603-1	SPRING, ASSIST	74
1	1	1	-	23030-1	SCR,SHC(6-32x.25 SL)INS DISC	73
REF	REF	REF	-	458109-1	WASHER, SPECIAL	72
REF	REF	REF	-	690517-1	SPACER	71
-3	-2	-1	U/M	PART NO	DESCRIPTION	ITEM NO
QTY REQD PER ASSY				PARTS LIST		

QTY REQD PER ASSY				PARTS LIST		ITEM NO
-3	-2	-1	U/M	PART NO	DESCRIPTION	
REF	REF	REF	-	22594-8	NUT,HEX(1/2-20)	70
REF	REF	REF	-	240628-1	PLATE, ADJUSTMENT	69
REF	REF	REF	-	240626-1	SHAFT, PIVOT	68
REF	REF	REF	-	240633-1	BUSHING	67
REF	REF	REF	-	455680-1	LEVER, INTERMEDIATE	66
REF	REF	REF	-	240629-1	BLOCK, PIVOT	65
REF	REF	REF	-	240632-2	SCREW, ADJ FEED ROD	64
REF	REF	REF	-	240659-3	PIN, CAM ROLLER	63
REF	REF	REF	-	240658-1	ROLLER, CAM	62
REF	REF	REF	-	454398-2	ROD, FEED	61
REF	REF	REF	-	454178-1	GUIDE, FEED ROD	60
REF	REF	REF	-	454220-1	CAP, RAM	59
REF	REF	REF	-	454485-1	HOUSING	58
						57
1	1	1	-	458537-2	PAWL, FEED	56
REF	REF	REF	-	240624-1	PIN, FEED FINGER	55
REF	REF	REF	-	691499-1	SPRING, FEED FINGER	54
REF	REF	REF	-	690541-1	HOLDER, FEED FINGER	53
REF	REF	REF	-	455679-1	LEVER, TERMINAL FEED ARM	52
						51
						50
1	-	-	-	458537-2	CAM, PRE-FEED 1 5/8 ST	49
-	1	-	-	690602-5	CAM, PRE-FEED 1 1/8 ST	48
-	-	1	-	690501-4	CAM, POST-FEED 1 5/8 ST	47
1	1	1	-	459456-1	APPLICATOR, BASIC (SUBASSY)	46
1	1	1	-	690191-1	PLUG, NYLON	45
1	1	1	-	455673-1	RAM	44
1	1	1	-	690125-1	WASHER, LAMINATED	43
1	1	1	-	690124-1	WASHER, RAM	42
1	1	1	-	7-21002-9	BOLT, CRIMPER(5/16x1.00)	41
1	1	1	-	23241-6	BALL, STEEL	40
1	1	1	-	690170-1	SPRING, COMPRESSION	39
1	1	1	-	690142-1	DISC, INSULATION	38
1	1	1	-	354777-1	WIRE DISC, PLASTIC	37
1	1	1	-	22480-5	WASHER, SPRING	36
1	1	1	-	690212-1	POST, RAM	35
1	1	1	-	690786-1	SUPPORT, TERMINAL	34
REF	REF	REF	-	455675-1	PLATE, BASE	33
1	1	1	-	690432-3	SCREW, ADJUSTMENT	32
						31
REF	REF	REF	-	455689-1	BLOCK, STRIP GUIDE ADJ	30
1	1	1	-	455671-1	PLATE, STRIP GUIDE	29
1	1	1	-	1-455888-0	SPACER, FRONT SHEAR DEP	28
2	2	2	-	1-22284-0	SPRING, DRAG	27
1	1	1	-	690546-1	LEVER, DRAG RELEASE	26
1	1	1	-	240792-1	DRAG, TERMINAL	25
△6 1	1	1	-	6-690504-2	GUIDE, STRIP (REAR)	24
1	1	1	-	690438-1	GUIDE, STRIP (FRONT)	23
-	-	1	-	690472-2	STRIPPER	22
REF	REF	REF	-	4-22284-9	SPRING, FEED RETURN	21
						20
1	1	-	-	691353-1	STRIPPER	19
1	1	1		314860-1	HOLD DOWN,TERMINAL	18
2	2	2		3-22278-0	SPRING,HOLDDOWN	17
1	1	1	-	318563-1	GUARD, CHIP, FRONT	16
1	1	1		4-21028-0	PIN,SPRING .094x.75	15
						14
						13
1	1	1	-	3-22280-3	SPRING, SHEAR	12
1	1	1	-	690461-1	STOP, SHEAR	11
1	1	1	-	690459-1	HOLDER, SHEAR (FRONT)	10
△1 1	1	1	-	462006-1	SHEAR, FLOAT (FRONT)	9
1	1	1	-	662185-4	ANVIL	8
1	1	1		455053-1	PLATE,RETAINER	7
1	1	1		455052-1	CARRIER,TERM. HOLDER	6
1	1	1	-	2-455889-0	DEPRESSOR, SHEAR (FRONT)	5
1	1	1	-	238011-4	SPACER, BLOCK CRIMPER	4
△1 1	1	1	-	3-683453-1	CRIMPER, INSULATION	3
1	1	1	-	455888-8	SPACER, CRIMPER	2
△1 1	1	1	-	1-456404-8	CRIMPER, WIRE	1
-3	-2	-1	U/M	PART NO	DESCRIPTION	ITEM NO
QTY REQD PER ASSY				PARTS LIST		



△1 RECOMMENDED SPARE PARTS.

△2 GREASE LIGHTLY.

△3 GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE.

△4 LUBRICATE DAILY USING NO. 20 MACHINE OIL.

5. ITEMS WITH QTY OF REF SPECIFIED (EXCEPT ITEMS 78 AND 79) ARE USED ON ITEM 46.

△6 CUT TO LENGTH AT ASSY

△7 WIRE STRIP LENGTH FOR (2) 22 WIRES IS .185.

△8 GUIDE OFF OF INSULATION BARREL.

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	P.MCCARTY	1-14-97
CHK	C.ERISMAN	1-14-97
APVD	T.ELBIN	1-14-97
PRODUCT SPEC	-	
APPLICATION SPEC	-	
WEIGHT	-	

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME: SIDE FEED HDM APPLICATOR
-
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A1	00779	C-680416	-

CUSTOMER DRAWING | SCALE - | SHEET 1 OF 1 | REV A