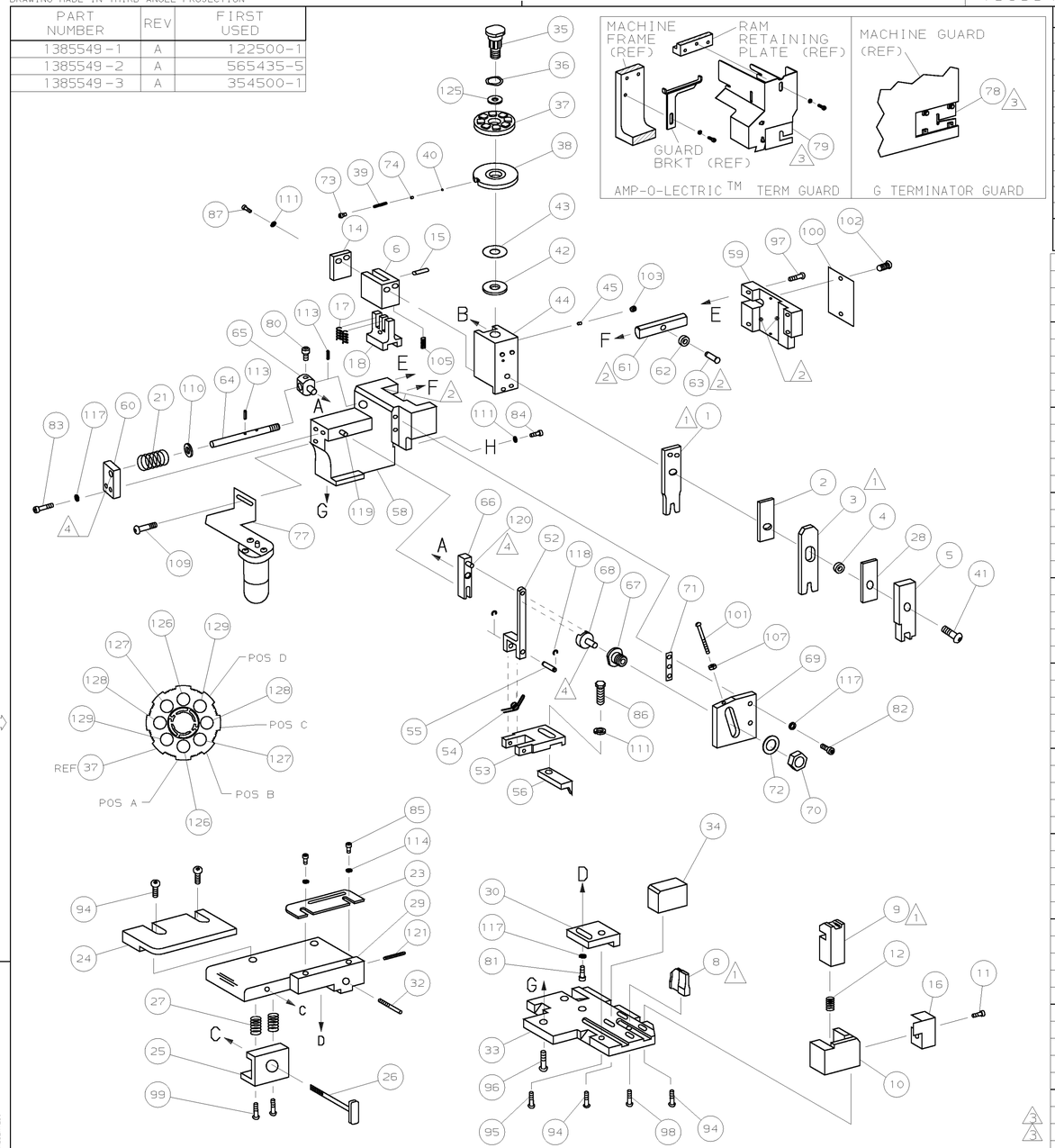
DRAWING MADE IN THIRD ANGLE PROJECTION

/home/us018246

| PART NUMBER | REV | FIRST USED |
|---|---|---|
| 1385549-1 | A | 122500-1 |
| 1385549-2 | A | 565435-5 |
| 1385549-3 | A | 354500-1 |




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.

TERMINAL NAME: POST CONTACT

917571

| AMP TERMINAL | AMP CRIMP SPECS | | |
|---|---|---|---|
| PAD LTR | CRIMP HEIGHT | | WIRE SIZE |
| A | 0.57 ±0.03mm | | 0.141mm² |
| B | 0.52 ±0.03mm | | 0.089mm² |
| C | 0.48 ±0.03mm | | 0.055mm² |
| D | NOT | | USED |
| CRIMP | SIZE | TYPE | RANGE |
| WIRE | 0.8mm | F | 0.055-0.141mm² |
| INSUL | 1.18mm | F | 0.70-0.98MM |

| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPL INSTRUCTION | SET UP GAGE | LAYOUT |
|---|---|---|---|---|---|
| 1.2-1.8mm | 114-5212 | 8mm | 408-8040 | 458637-1 | L2448 |

| -3 | -2 | -1 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| | | | | | | | 129 |
| 2 | 2 | 2 | - | C | 3-354779-4 | PIN, WIRE DISC (.3160)C | 128 |
| 2 | 2 | 2 | - | C | 3-354779-0 | PIN, WIRE DISC (.3140)B | 127 |
| 2 | 2 | 2 | - | C | 2-354779-6 | PIN, WIRE DISC (.3120)A | 126 |
| 1 | 1 | 1 | - | A | 986950-1 | WASHER, FLAT PRECISION | 125 |
| 1 | 1 | 1 | - | A | 217238-1 | GENERAL INSTRUCTION PACKAGE | 124 |
| 1 | 1 | 1 | - | - | 4088040 | SF APPL INST 408-8040 | 123 |
| REF | REF | REF | - | A | 939691-1 | CRIMPER LUBRICANT | 122 |
| 1 | 1 | 1 | - | A | 4-21028-0 | PIN,SLT SPR(ø.093x.75)ST GDE PL | 121 |
| 1 | 1 | 1 | - | A | 1-21030-1 | PIN,DOWEL(ø.187x.50)LEVER | 120 |
| 1 | 1 | 1 | - | A | 1-21030-6 | PIN,DOWEL(ø.187x1.25)HOUSING | 119 |
| 2 | 2 | 2 | - | A | 21045-3 | RING,RET "C"(ø.187)FD FING PIN | 118 |
| 5 | 5 | 5 | - | A | 21024-5 | WASHER, LOCK(#10)ADJ BLOCK | 117 |
| 2 | 2 | 2 | - | A | 21024-5 | WASHER,LOCK(#10)ADJ PLATE | 116 |
| 2 | 2 | 2 | - | A | 21024-5 | WASHER,LOCK(#10)FEED GDE ROD | 115 |
| 2 | 2 | 2 | - | A | 21024-2 | WASHER,LOCK(#4)FRONT STP GUIDE | 114 |
| 2 | 2 | 2 | - | A | 5-21028-1 | PIN,SLT SPR(ø.125x.50)ADJ ROD | 113 |
| | | | | | | | 112 |
| 4 | 4 | 4 | - | A | 21024-4 | WASHER,LOCK(#8)STRIPPER | 111 |
| 1 | 1 | 1 | - | A | 21899-4 | WASHER,FLAT(ø5/16)SCREW ADJ | 110 |
| - | 1 | - | - | A | 2-21002-6 | SCR,BHC(10-32x.38)LUBE ASSY | 109 |
| | | | | | | | 108 |
| 1 | 1 | 1 | - | A | 21068-5 | NUT,HEX(6-32)FEED ADJ | 107 |
| | | | | | | | 106 |
| 1 | 1 | 1 | - | A | 2-21008-1 | SCR,SKT SET (4-40x.25) HD | 105 |
| | | | | | | | 104 |
| 1 | 1 | 1 | - | A | 21009-2 | SCR,SKT SET(1/4-20x.25 LW)RAM | 103 |
| 2 | 2 | 2 | - | A | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 102 |
| 1 | 1 | 1 | - | A | 6-23715-5 | SCR,PAN HD(6-32x1.50)FEED ADJ | 101 |
| 1 | 1 | 1 | - | B | 461264-1 | PLATE, IDENTIFICATION | 100 |
| 2 | 2 | 2 | - | A | 3-21002-0 | SCR,BHC(10-32x.88)DRAG | 99 |
| 1 | 1 | 1 | - | A | 22733-8 | SCR,BHC(8-32x.38 LW)ANVIL | 98 |
| 4 | 4 | 4 | - | A | 2-21002-9 | SCR,BHC(10-32x.75)CAP | 97 |
| 3 | 3 | 3 | - | A | 2-22733-8 | SCR,BHC(1/4-20x.62)HOUSING | 96 |
| 1 | 1 | 1 | - | A | 2-21002-7 | SCR,BHC(10-32x.50)SG ADJ BLOCK | 95 |
| 6 | 6 | 6 | - | A | 2-21002-2 | SCR,BHC(8-32x.50)TERM H DWN | 94 |
| | | | | | | | 93 |
| | | | | | | | 92 |
| 1 | 1 | 1 | - | A | 1-21002-7 | SCR,BHC(6-32x.38)CAM | 91 |
| | | | | | | | 90 |
| | | | | | | | 89 |
| | | | | | | | 88 |
| 2 | 2 | 2 | - | A | 3-21000-0 | SCR,SHC (8-32x.88)HOLD DOWN | 87 |
| 1 | 1 | 1 | - | A | 2-22603-0 | SCR,HEX HD(8-32x.31)FEED FINGER | 86 |
| 2 | 2 | 2 | - | A | 1-21000-3 | SCR,SHC(4-40x.25)FR ST GUIDE | 85 |
| 1 | 1 | 1 | - | A | 2-21000-7 | SCR,SHC(8-32x.50)STRIPPER | 84 |
| 2 | 2 | 2 | - | A | 3-21000-7 | SCR,SHC(10-32x.75)FEED ROD GD | 83 |
| 2 | 2 | 2 | - | A | 3-21000-6 | SCR,SHC(10-32x.62)FD ADJ BLK | 82 |
| 1 | 1 | 1 | - | A | 3-21000-4 | SCR,SHC(10-32x.38)SG ADJ BL | 81 |
| 1 | 1 | 1 | - | A | 3-21000-4 | SCR,SHC(10-32x.38)PIVOT BLK | 80 |
| - | REF | - | - | B | 455749-1 | GUARD, WINDOW | 79 |
| REF | - | - | - | B | 679532-1 | INSERT, GUARD | 78 |
| - | 1 | - | - | C | 1-465184-0 | LUBRICATOR ASSY | 77 |
| | | | | | | | 76 |
| | | | | | | | 75 |
| 1 | 1 | 1 | - | A | 690603-1 | SPRING, ASSIST | 74 |
| 1 | 1 | 1 | - | A | 23030-1 | SCR,SHC(6-32x.25 SL)INS DISC | 73 |
| 1 | 1 | 1 | - | A | 458109-1 | WASHER, SPECIAL | 72 |
| 1 | 1 | 1 | - | A | 690517-1 | SPACER | 71 |

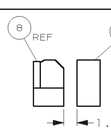
QTY REQD PER ASSY — PARTS LIST

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

| -3 | -2 | -1 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|---|
| 1 | 1 | 1 | - | B | 22594-8 | NUT,HEX(1/2-20) | 70 |
| 1 | 1 | 1 | - | B | 240628-1 | PLATE, ADJUSTMENT | 69 |
| 1 | 1 | 1 | - | B | 240626-1 | SHAFT, PIVOT | 68 |
| 1 | 1 | 1 | - | B | 240633-1 | BUSHING | 67 |
| 1 | 1 | 1 | - | A | 455680-1 | LEVER, INTERMEDIATE | 66 |
| 1 | 1 | 1 | - | B | 240629-1 | BLOCK, PIVOT | 65 |
| 1 | 1 | 1 | - | A | 240632-2 | SCREW, ADJ FEED ROD | 64 |
| 1 | 1 | 1 | - | B | 240659-3 | PIN, CAM ROLLER | 63 |
| 1 | 1 | 1 | - | B | 240658-1 | ROLLER, CAM | 62 |
| 1 | 1 | 1 | - | B | 454398-2 | ROD, FEED | 61 |
| 1 | 1 | 1 | - | A | 454178-1 | GUIDE, FEED ROD | 60 |
| 1 | 1 | 1 | - | C | 454220-1 | CAP, RAM | 59 |
| 1 | 1 | 1 | - | D | 454485-1 | HOUSING | 58 |
| | | | | | | | 57 |
| 1 | 1 | 1 | - | B | 690542-2 | PAWL, FEED | 56 |
| 1 | 1 | 1 | - | B | 240624-1 | PIN, FEED FINGER | 55 |
| 1 | 1 | 1 | - | B | 691499-1 | SPRING, FEED FINGER | 54 |
| 1 | 1 | 1 | - | B | 690541-1 | HOLDER, FEED FINGER | 53 |
| 1 | 1 | 1 | - | A | 455679-1 | LEVER, TERMINAL FEED ARM | 52 |
| | | | | | | | 51 |
| | | | | | | | 50 |
| 1 | - | - | - | B | 690602-6 | CAM, PRE-FEED 1 5/8 ST | 49 |
| - | 1 | - | - | B | 690602-5 | CAM, PRE-FEED 1 1/8 ST | 48 |
| - | - | 1 | - | B | 690501-4 | CAM, POST-FEED 1 5/8 ST | 47 |
| | | | | | | | 46 |
| 1 | 1 | 1 | - | A | 690191-1 | PLUG, NYLON | 45 |
| 1 | 1 | 1 | - | C | 455673-3 | RAM | 44 |
| 1 | 1 | 1 | - | A | 690125-1 | WASHER, LAMINATED | 43 |
| 1 | 1 | 1 | - | A | 690124-4 | WASHER, RAM | 42 |
| 1 | 1 | 1 | - | A | 7-21002-9 | BOLT, CRIMPER(5/16x1.00) | 41 |
| 1 | 1 | 1 | - | A | 23241-6 | BALL, STEEL | 40 |
| 1 | 1 | 1 | - | A | 690170-1 | SPRING, COMPRESSION | 39 |
| 1 | 1 | 1 | - | C | 690142-6 | DISC, INSULATION | 38 |
| 1 | 1 | 1 | - | D | 354777-1 | WIRE DISC, PLASTIC | 37 |
| 1 | 1 | 1 | - | A | 22480-5 | WASHER, SPRING | 36 |
| 1 | 1 | 1 | - | B | 690212-1 | POST, RAM | 35 |
| 1 | 1 | 1 | - | B | 3-690786-3 | SUPPORT, TERMINAL | 34 |
| 1 | 1 | 1 | - | D | 455675-4 | PLATE, BASE | 33 |
| 1 | 1 | 1 | - | A | 690432-3 | SCREW, ADJUSTMENT | 32 |
| | | | | | | | 31 |
| 1 | 1 | 1 | - | B | 455689-1 | BLOCK, STRIP GUIDE ADJ | 30 |
| 1 | 1 | 1 | - | C | 455671-1 | PLATE, STRIP GUIDE | 29 |
| 1 | 1 | 1 | - | C | 1-455888-5 | SPACER, FRONT SHEAR DEP | 28 |
| 2 | 2 | 2 | - | A | 1-22284-0 | SPRING, DRAG | 27 |
| 1 | 1 | 1 | - | B | 690546-1 | LEVER, DRAG RELEASE | 26 |
| 1 | 1 | 1 | - | B | 240792-1 | DRAG, TERMINAL | 25 |
| 1 | 1 | 1 | - | D | 2-90765-9 | GUIDE, STRIP (REAR) | 24 |
| 1 | 1 | 1 | - | A | 690438-1 | GUIDE, STRIP (FRONT) | 23 |
| 1 | 1 | 1 | - | B | 1-1338987-6 | STRIPPER | 22 |
| 1 | 1 | 1 | - | A | 4-22284-9 | SPRING, FEED RETURN | 21 |
| | | | | | | | 20 |
| | | | | | | | 19 |
| 1 | 1 | 1 | - | A | 4-1338389-6 | HOLD DOWN, TERMINAL | 18 |
| 2 | 2 | 2 | - | A | 22278-9 | SPRING, HOLD DOWN | 17 |
| 1 | 1 | 1 | - | B | 318563-1 | GUARD, CHIP, FRONT | 16 |
| 1 | 1 | 1 | - | A | 4-21028-0 | PIN, SLT SPR(ø.094x.75)HD | 15 |
| 1 | 1 | 1 | - | B | 455053-1 | PLATE, RETAINER | 14 |
| | | | | | | | 13 |
| 1 | 1 | 1 | - | A | 5-22280-0 | SPRING, SHEAR | 12 |
| 1 | 1 | 1 | - | B | 690461-1 | STOP, SHEAR | 11 |
| 1 | 1 | 1 | - | C | 690459-7 | HOLDER, SHEAR (FRONT) | 10 |
| 1 | 1 | 1 | - | C | 462006-1 | SHEAR, FLOAT (FRONT) | 9 |
| 1 | 1 | 1 | - | C | 4-662520-1 | ANVIL | 8 |
| | | | | | | | 7 |
| 1 | 1 | 1 | - | B | 455052-1 | CARRIER, TERM. HOLDER | 6 |
| 1 | 1 | 1 | - | C | 2-455889-9 | DEPRESSOR, SHEAR (FRONT) | 5 |
| 1 | 1 | 1 | - | B | 2-238011-8 | SPACER, BLOCK CRIMPER | 4 |
| 1 | 1 | 1 | - | C | 7-683453-1 | CRIMPER, INSULATION | 3 |
| 1 | 1 | 1 | - | C | 455888-1 | SPACER, CRIMPER | 2 |
| 1 | 1 | 1 | - | C | 8-568176-2 | CRIMPER, WIRE | 1 |

REVISION OF EACH ASSY NO (WHEN BLANK, USE DWG REVISION)

QTY REQD PER ASSY — PARTS LIST




ITEM 34 LOCATION

| P | F | LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|---|---|
| | | A | REVISED | BH | FEB03 |

DIMENSIONS IN INCHES. DO NOT SCALE PRINT.
TOLERANCES UNLESS OTHERWISE SPECIFIED:
2 PLC DEC ±-
3 PLC DEC ±-
4 PLC DEC ±-
ANGLES ± -
SURF TEXTURE: √
REMOVE BURRS, BREAK SHARP EDGES R.015 MAX

MATL – HT TR – FIN –

DR B.HIGMAN 22JAN03 APP T.ELBIN 22JAN03 CHK – REL –

AMP Tyco Electronics Harrisburg, PA 17105-3608

NAME SIDE FEED HDM APPLICATOR MACHINE REF MINI APPL

SCALE – D DWG NO 1385549 SHEET 1 OF 1 REV A

CAGE CODE 00779 CUSTOMER AND ASSEMBLY DRAWING RESTRICTED TO –

LOC A DIST 66

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# Mouser Electronics

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