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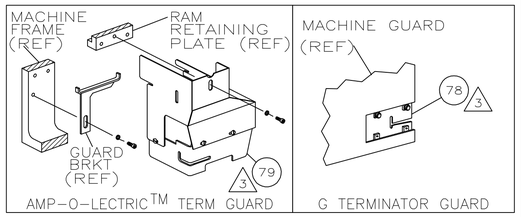
| PART NUMBER | REV | FIRST USED |
|---|---|---|
| 1385156-1 | B | 122500-1 |
| 1385156-2 | B | 565435-5 |




TERMINAL NAME: TERMINAL, SOCKET

| AMP P/N | MFG P/N |
|---|---|
| 286864 | 3744 |

CRIMP DATA (NON-AMP TERMINAL-AMP SPEC)

| PAD LTR | CRIMP HEIGHT | WIRE SIZE |
|---|---|---|
| A | .073 ±.002 [1.85 ±0.05mm] | 18 |
| B | .070 ±.002 [1.78 ±0.05mm] | 20 |
| C | .065 ±.002 [1.65 ±0.05mm] | 22 |
| D | NOT | USED |

| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | .100 [2.54mm] | F | 18-22 |
| INSUL | .125 [3.18mm] | F | .079 |

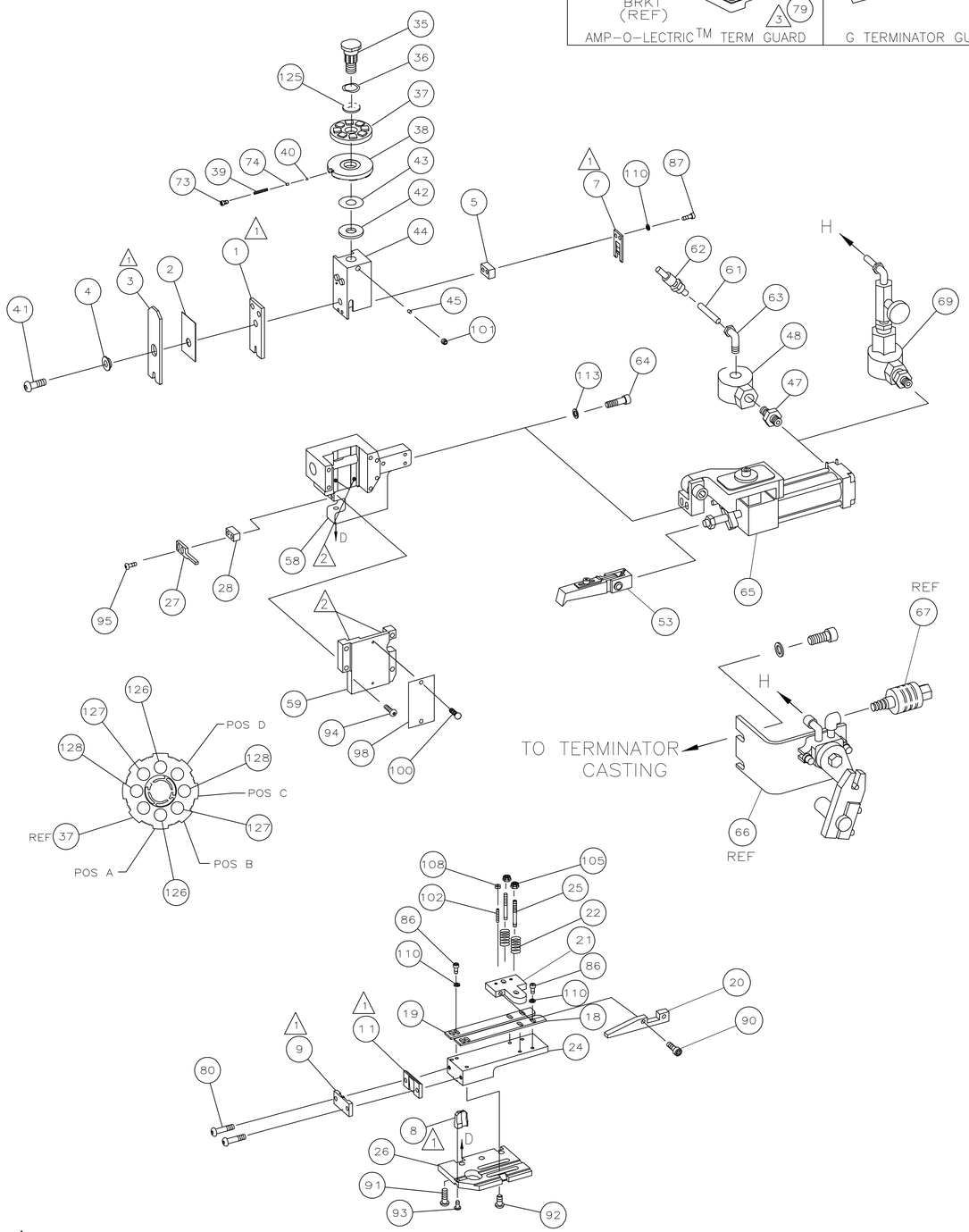
| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPL INSTRUCTION | SET UP GAGE | LAYOUT |
|---|---|---|---|---|---|
| .159-.190 | NONE | .686 | 408-8039 | 458638-1 | L2359 |

| LOC | DIST |
|---|---|
| A | 66 |

REVISIONS

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | B | ECR-07-005415 | 3-2007 | MY | TE |

| | | |
|---|---|---|
| -1 | LEADMAKER & BENCH MODEL G | AIR FEED |
| -2 | BENCH MODEL K | AIR FEED |




| | -2 | -1 | U/M | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|
| | | | | | | 129 |
| | 2 | 2 | - | 9-354778-1 | PIN, WIRE DISC (.2950)C | 128 |
| | 2 | 2 | - | 8-354778-1 | PIN, WIRE DISC (.2900)B | 127 |
| | 2 | 2 | - | 7-354778-5 | PIN, WIRE DISC (.2870)A | 126 |
| | 1 | 1 | - | 986950-1 | WASHER, FLAT PRECISION | 125 |
| | 1 | 1 | - | 217238-1 | GENERAL INSTRUCTION PACKAGE | 124 |
| | 1 | 1 | - | 4088039 | EF APPL INST 408-8039 | 123 |
| | | | | | | 122 |
| | | | | | | 121 |
| | | | | | | 120 |
| | | | | | | 119 |
| | | | | | | 118 |
| | | | | | | 117 |
| | | | | | | 116 |
| | | | | | | 115 |
| | | | | | | 114 |
| | 2 | 2 | - | 21024-5 | WASHER,LOCK(#10)AIR ASSY | 113 |
| | | | | | | 112 |
| | | | | | | 111 |
| | 4 | 4 | - | 21024-4 | WASHER,LOCK(NO.8)SHEAR BL | 110 |
| | | | | | | 109 |
| | 2 | 2 | - | 21018-4 | NUT,HEX(4-40)DRAG | 108 |
| | | | | | | 107 |
| | | | | | | 106 |
| | 2 | 2 | - | 21022-2 | NUT,HEX SL(8-32)DRAG STUD | 105 |
| | | | | | | 104 |
| | | | | | | 103 |
| | 2 | 2 | - | 2-21006-6 | SCR,SKT SET(4-40x.62)DRAG | 102 |
| | 1 | 1 | - | 21009-2 | SCR,SKT SET(1/4-20x.25 )RAM | 101 |
| | 2 | 2 | - | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 100 |
| | | | | | | 99 |
| | 1 | 1 | - | 461264-1 | PLATE, IDENTIFICATION | 98 |
| | | | | | | 97 |
| | | | | | | 96 |
| | 2 | 2 | - | 2-21002-2 | SCR,BHC(8-32x.50)STRIPPER | 95 |
| | 4 | 4 | - | 2-21002-9 | SCR,BHC(10-32x.75)CAP | 94 |
| | 1 | 1 | - | 22733-8 | SCR,BHC(8-32x.38 LW)ANVIL | 93 |
| | 4 | 4 | - | 3-21002-3 | SCR,BHC(1/4-20x.50)ST GD PL | 92 |
| | 3 | 3 | - | 2-22733-8 | SCR,BHC(1/4-20x.62)HSG | 91 |
| | 2 | 2 | - | 1-21000-3 | SCR,SHC(4-40x.25) | 90 |
| | | | | | | 89 |
| | | | | | | 88 |
| | 2 | 2 | - | 2-21000-8 | SCR,SHC(8-32x.62)SLUG BLADE | 87 |
| | 4 | 4 | - | 2021000-6 | SCR,SHC(8-32x.38)STRIP GUIDE | 86 |
| | 2 | 2 | - | 2-21000-8 | SCR,BHC(8-32x.63)R STRIP GUIDE | 85 |
| | | | | | | 84 |
| | | | | | | 83 |
| | | | | | | 82 |
| | | | | | | 81 |
| | 2 | 2 | - | 2-21002-8 | SCR,BHC(10-32x.63)SHEAR PL | 80 |
| 2 | 1 | - | - | 455750-8 | GUARD ASSY | 79 |
| 5 3 | - | REF | - | 679532-1 | INSERT, GUARD | 78 |
| | | | | | | 77 |
| | | | | | | 76 |
| | | | | | | 75 |
| | 1 | 1 | - | 690603-1 | SPRING, ASSIST | 74 |
| | 1 | 1 | - | 23030-1 | SCR,SKT CAP(6-32x.25)CP DSC | 73 |
| | | | | | | 72 |
| | | | | | | 71 |

QTY REQD PER ASSY — PARTS LIST

| | -2 | -1 | U/M | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|---|
| | | | | | | 70 |
| 4 | 1 | - | - | 692655-5 | AIR FEED VALVE ASSY | 69 |
| | | | | | | 68 |
| | REF | - | - | 24042-2 | VALVE, SHUT OFF | 67 |
| 4 | REF | - | - | 692655-6 | AIR FEED VALVE ASSY | 66 |
| | 1 | 1 | - | 460277-1 | AIR FEED ASSY (1 INCH) | 65 |
| | 2 | 2 | - | 3-21000-9 | SCR,SHC(10-32x1.00)AIR ASSY | 64 |
| | - | 1 | - | 980285-2 | ELBOW, SWIVEL 1/8 NPT - 1/4 T | 63 |
| | - | 1 | - | 23238-1 | QUICK DISCONNECT | 62 |
| | - | 12.00 | IN | 27319-4 | TUBING, POLY-FLO ϕ.25 | 61 |
| | | | | | | 60 |
| | 1 | 1 | - | 454220-1 | CAP, RAM | 59 |
| | 1 | 1 | - | 453736-1 | HOUSING | 58 |
| | | | | | | 57 |
| | | | | | | 56 |
| | | | | | | 55 |
| | | | | | | 54 |
| 4 | 1 | 1 | - | 460680-2 | FEED FINGER ASSY | 53 |
| | | | | | | 52 |
| | | | | | | 51 |
| | | | | | | 50 |
| | | | | | | 49 |
| | - | 1 | - | 22374-7 | VALVE, QUICK EXHAUST | 48 |
| | - | 1 | - | 22304-1 | NIPPLE,HEX 1/8 NPT | 47 |
| | | | | | | 46 |
| | 1 | 1 | - | 690191-1 | PLUG, NYLON | 45 |
| | 1 | 1 | - | 455674-1 | RAM | 44 |
| | 1 | 1 | - | 690125-1 | WASHER, LAMINATED | 43 |
| | 1 | 1 | - | 690124-1 | WASHER, RAM | 42 |
| | 1 | 1 | - | 7-21002-9 | BOLT, CRIMPER(5/16-24x1.00) | 41 |
| | 1 | 1 | - | 23241-6 | BALL, STEEL | 40 |
| | 1 | 1 | - | 690170-1 | SPRING, COMPRESSION | 39 |
| | 1 | 1 | - | 690142-1 | DISC, INSULATION | 38 |
| | 1 | 1 | - | 354777-1 | WIRE DISC, PLASTIC | 37 |
| | 1 | 1 | - | 22480-5 | WASHER, SPRING | 36 |
| | 1 | 1 | - | 690212-1 | POST, RAM | 35 |
| | | | | | | 34 |
| | | | | | | 33 |
| | | | | | | 32 |
| | | | | | | 31 |
| | | | | | | 30 |
| | | | | | | 29 |
| | 1 | 1 | - | 3-690451-2 | SPACER, STRIPPER | 28 |
| | 1 | 1 | - | 240639-1 | STRIPPER | 27 |
| | 1 | 1 | - | 455676-1 | PLATE, BASE | 26 |
| | 2 | 2 | - | 22354-8 | DRAG, STUD | 25 |
| | 1 | 1 | - | 455678-1 | PLATE, STRIP GUIDE | 24 |
| | 1 | 1 | - | 240825-3 | PLATE, STRIP HOLD DOWN | 23 |
| | 2 | 2 | - | 4-22281-1 | SPRING, DRAG | 22 |
| | 1 | 1 | - | 464451-1 | ARM, STOCK DRAG | 21 |
| | 1 | 1 | - | 464452-4 | DRAG, STOCK | 20 |
| | | | | | | 19 |
| | 2 | 2 | - | 454204-2 | GUIDE, STRIP (FRONT) | 18 |
| | | | | | | 17 |
| | | | | | | 16 |
| | | | | | | 15 |
| | | | | | | 14 |
| | | | | | | 13 |
| | | | | | | 12 |
| 1 | 1 | 1 | - | 240644-1 | PLATE, REAR SHEAR | 11 |
| | | | | | | 10 |
| | 1 | 1 | - | 690482-6 | PLATE, FRONT SHEAR | 9 |
| 1 | 1 | 1 | - | 8-461295-0 | ANVIL | 8 |
| | 1 | 1 | - | 690474-6 | BLADE, SLUG | 7 |
| | | | | | | 6 |
| | 1 | 1 | - | 3-240641-6 | SPACER, SLUG BLADE | 5 |
| | 1 | 1 | - | 1-238009-4 | SPACER, BLOCK CRIMPER | 4 |
| 1 | 1 | 1 | - | 8-683453-9 | CRIMPER, INSULATION | 3 |
| | 1 | 1 | - | 1-455888-9 | SPACER, CRIMPER | 2 |
| 1 | 1 | 1 | - | 5-568176-7 | CRIMPER, WIRE | 1 |

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. SEE DRAWING FOR COMPONENTS
5. ITEM 78 USED WITH G TERMINATOR ONLY.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± .25
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL -
FINISH -

| | | |
|---|---|---|
| DWN T.KINT | 09MAY00 | Tyco Electronics Corporation, Harrisburg, PA 17105-3608 |
| CHK | 09MAY00 | |
| APVD T.ELBIN | 09MAY00 | NAME: END FEED HDM APPLICATOR |
| PRODUCT SPEC | — | — |
| APPLICATION SPEC | — | — |
| WEIGHT | — | |

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-1385156 | — |

CUSTOMER DRAWING — SCALE — — SHEET 1 OF 1 — REV B