DRAWING MADE IN THIRD ANGLE PROJECTION

/home/us018246/edmmod

| PART NUMBER | REV | FIRST USED |
|---|---|---|
| 567988-1 | A | 854040-3 |

TERMINAL NAME: TERMINAL

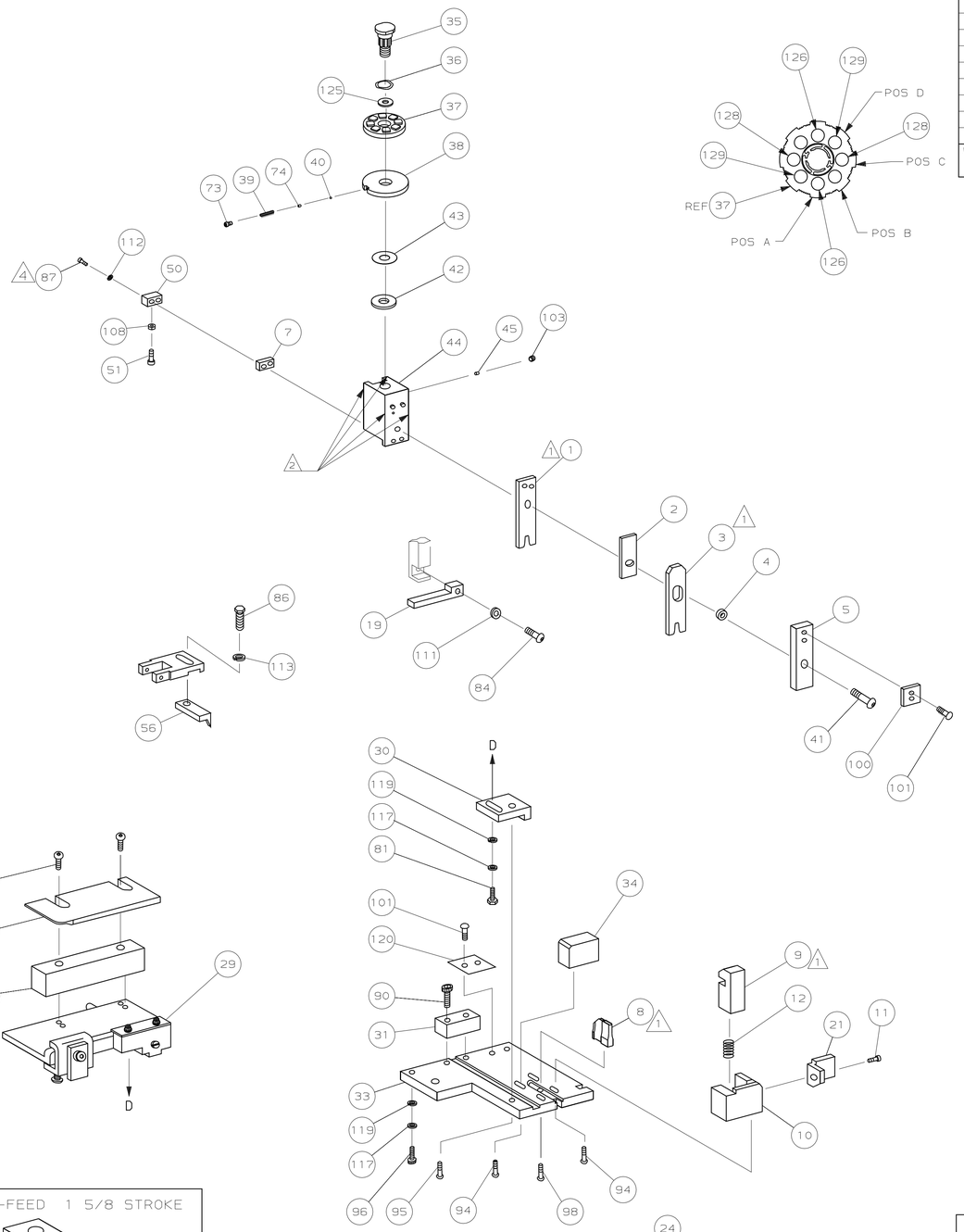
| TYCO PN | MOLEX PN |
|---|---|
| 286747 | 43030-0003 |
| 286974 | 43031-0001 |

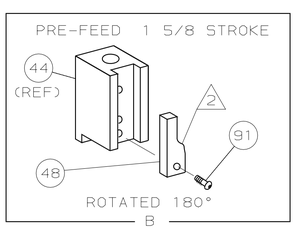
CRIMP DATA (MOLEX TERM & MFR SPEC)

| VISIBLE PAD LTR | CRIMP HEIGHT | WIRE SIZE |
|---|---|---|
| A | .038 ±.002 [0.97 ±0.05mm] | 20 |
| B | .035 ±.002 [0.89 ±0.05mm] | 22 |
| C | .032 ±.002 [0.81 ±0.05mm] | 24 |
| D | NOT | USED |

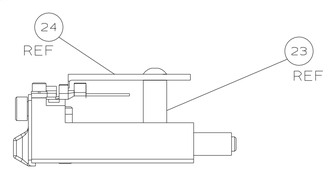
| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | .055 [1.40mm] | F | 24-20 |
| INSUL | .086 [2.18mm] | F | ø.043-.073 |

| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPL INSTRUCTION | SET UP GAGE | LAYOUT |
|---|---|---|---|---|---|
| .100-.115 | NONE | .250 | SEE CUSTOMER MANUAL | NONE | - |

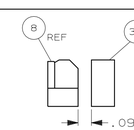



1. RECOMMENDED SPARE PARTS.
2. GREASE LIGHTLY.
3. ITEM NOT SHOWN
4. CUT TO LENGTH AT ASS'Y.




GUIDE OFF INSULATION




ITEM 34 LOCATION

| QTY REQD PER ASSY -1 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|
| 2 | - | C | 3-354779-6 | PIN, WIRE DISC (.3170)D | 129 |
| 2 | - | C | 3-354779-0 | PIN, WIRE DISC (.3140)C | 128 |
| | | | | | 127 |
| 2 | - | C | 4-354779-2 | PIN, WIRE DISC (.3200)A | 126 |
| 1 | - | A | 986950-1 | WASHER, FLAT PRECISION | 125 |
| 1 | - | A | 217238-3 | GENERAL INSTRUCTION PACKAGE | 124 |
| | | | | | 123 |
| | | | | | 122 |
| | | | | | 121 |
| 1 | - | B | 690701-2 | PLATE, SERIAL NO. | 120 |
| 2 | - | A | 21899-2 | WASHER,FLAT(#10)S G ADJ BLK | 119 |
| | | | | | 118 |
| 2 | - | A | 21024-5 | WASHER, LOCK(#10)ADJ BLOCK | 117 |
| | | | | | 116 |
| | | | | | 115 |
| | | | | | 114 |
| REF | - | A | 21024-4 | WASHER,LOCK(#8)FEED FINGER | 113 |
| 2 | - | A | 21024-4 | WASHER,LOCK(#8)DEP-HOLD | 112 |
| REF | - | A | 21024-4 | WASHER,LOCK(#8)STRIPPER | 111 |
| | | | | | 110 |
| | | | | | 109 |
| 1 | - | A | 21018-5 | NUT,HEX(#6)HOLD DOWN | 108 |
| | | | | | 107 |
| | | | | | 106 |
| | | | | | 105 |
| | | | | | 104 |
| 1 | - | A | 21009-2 | SCR,SKT SET(1/4-20x.25 LW)RAM | 103 |
| | | | | | 102 |
| 4 | - | A | 21017-2 | SCR,DRIVE(#2x.19)ID PLATE | 101 |
| 1 | - | B | 819347-1 | PLATE, IDENTIFICATION | 100 |
| | | | | | 99 |
| 1 | - | A | 22733-8 | SCR,BHC(8-32x.38 LW)ANVIL | 98 |
| | | | | | 97 |
| 1 | - | A | 3-21000-8 | SCR,SHC(10-32x.88)MOUNTING | 96 |
| 1 | - | A | 2-21002-7 | SCR,BHC(10-32x.50)SG ADJ BLK | 95 |
| 4 | - | A | 2-21002-2 | SCR,BHC(8-32x.50)SHEAR-TERM SUP | 94 |
| 2 | - | A | 2-21002-4 | SCR,BHC(8-32x.75)R STP GDE | 93 |
| | | | | | 92 |
| 1 | - | A | 1-21002-7 | SCR,SHC(6-32x.50)CAM | 91 |
| 2 | - | A | 2-21000-7 | SCR,SHC(8-32x.50)SCR BLK | 90 |
| | | | | | 89 |
| | | | | | 88 |
| 4 2 | - | A | 2-21000-8 | SCR,SHC(8-32x.62)HLD DWN | 87 |
| REF | - | A | 2-22603-0 | SCR,HEX HD(8-32x.31)FEED FINGER | 86 |
| | | | | | 85 |
| REF | - | A | 22733-9 | SCR,BHC(8-32x.50 SL)STRIPPER | 84 |
| | | | | | 83 |
| | | | | | 82 |
| 1 | - | A | 3-22603-1 | SCR,HEX(10-32x.38)SG ADJ BL | 81 |
| | | | | | 80 |
| | | | | | 79 |
| | | | | | 78 |
| 3 1 2 | - | B | 463310-6 | BLADE, STRIPPING (#22) | 77 |
| | | | | | 76 |
| | | | | | 75 |
| 1 | - | A | 690603-1 | SPRING, ASSIST | 74 |
| 1 | - | A | 23030-1 | SCR,SKT CAP(6-32x.25)CP DSC | 73 |
| | | | | | 72 |
| | | | | | 71 |

QTY REQD PER ASSY — PARTS LIST

SIM TO HDM 680673

| QTY REQD PER ASSY -1 | U/M | DWG SIZE | PART NO | DESCRIPTION | ITEM NO |
|---|---|---|---|---|---|
| | | | | | 70 |
| | | | | | 69 |
| | | | | | 68 |
| | | | | | 67 |
| | | | | | 66 |
| | | | | | 65 |
| | | | | | 64 |
| | | | | | 63 |
| | | | | | 62 |
| | | | | | 61 |
| | | | | | 60 |
| | | | | | 59 |
| | | | | | 58 |
| | | | | | 57 |
| REF | - | B | 694433-8 | PAWL, FEED | 56 |
| | | | | | 55 |
| | | | | | 54 |
| | | | | | 53 |
| | | | | | 52 |
| 1 | - | A | 811242-2 | BUMPER, HOLDDOWN | 51 |
| 1 | - | A | 690753-1 | SPACER, TONKER | 50 |
| | | | | | 49 |
| 1 | - | A | 690602-6 | CAM, PRE-FEED 1.62 STROKE | 48 |
| | | | | | 47 |
| | | | | | 46 |
| 1 | - | A | 690191-1 | PLUG, NYLON | 45 |
| 1 | - | C | 455673-1 | RAM | 44 |
| 1 | - | A | 690125-1 | WASHER, LAMINATED | 43 |
| 1 | - | A | 690124-9 | WASHER, RAM | 42 |
| 1 | - | A | 7-21002-9 | BOLT, CRIMPER(5/16x1.00) | 41 |
| 1 | - | A | 23241-6 | BALL, STEEL | 40 |
| 1 | - | A | 690170-1 | SPRING, COMPRESSION | 39 |
| 1 | - | C | 690142-5 | DISC, INSULATION | 38 |
| 1 | - | D | 354777-1 | WIRE DISC, PLASTIC | 37 |
| 1 | - | A | 22480-5 | WASHER, SPRING | 36 |
| 1 | - | B | 690212-1 | POST, RAM | 35 |
| 1 | - | B | 690786-3 | SUPPORT, TERMINAL | 34 |
| 1 | - | C | 462544-1 | PLATE, BASE SPECIAL | 33 |
| | | | | | 32 |
| 1 | - | B | 462543-1 | BLOCK, SCREW SPECIAL | 31 |
| 1 | - | B | 455689-1 | BLOCK, STRIP GUIDE ADJ | 30 |
| 1 | - | C | 1633091-1 | PLATE ASS'Y, STRIP GUIDE | 29 |
| | | | | | 28 |
| | | | | | 27 |
| | | | | | 26 |
| | | | | | 25 |
| 1 | - | D | 1320928-1 | GUIDE, STRIP (REAR) | 24 |
| 1 | - | A | 1320908-4 | SPACER, STRIP GUIDE | 23 |
| | | | | | 22 |
| 1 | - | A | 463756-1 | GUIDE, SCRAP | 21 |
| | | | | | 20 |
| REF | - | C | 462615-1 | STRIPPER | 19 |
| | | | | | 18 |
| | | | | | 17 |
| | | | | | 16 |
| | | | | | 15 |
| | | | | | 14 |
| | | | | | 13 |
| 1 | - | A | 3-22280-3 | SPRING, SHEAR | 12 |
| 1 | - | B | 1-690461-6 | STOP, SHEAR (FRONT) | 11 |
| 1 | - | B | 462548-1 | HOLDER, SHEAR (FRONT) SP | 10 |
| 1 1 | - | B | 462547-1 | SHEAR, FLOAT (FRONT) SP | 9 |
| 1 | - | C | 662183-7 | ANVIL | 8 |
| 1 | - | C | 3-240641-7 | SPACER, DEPRESSOR (REAR) | 7 |
| | | | | | 6 |
| 1 | - | A | 462838-8 | DEPRESSOR, SHEAR (FRONT) SP | 5 |
| 1 | - | B | 1-238011-0 | SPACER, BLOCK CRIMPER | 4 |
| 1 1 | - | C | 1213077-9 | CRIMPER, INSULATION | 3 |
| 1 | - | C | 455888-2 | SPACER, CRIMPER | 2 |
| 1 1 | - | C | 4-456402-5 | CRIMPER, WIRE | 1 |

QTY REQD PER ASSY — PARTS LIST

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

| P | F | LTR | REVISION RECORD | APP | DATE |
|---|---|---|---|---|---|
| | | A | RELEASED | BH | JUN06 |

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 | APP | CHK | REL |
|---|---|---|---|
| B.HIGMAN 24MAY06 | T.ELBIN 24MAY06 | B.HIGMAN 24MAY06 | - - |

AMP — Tyco Electronics, Harrisburg, PA 17105-3608

NAME: STRIPPER CRIMPER APPLICATOR

MACHINE REF: STRIPPER CRIMPER

SCALE: - | D | DWG NO: 567988 | SHEET 1 OF 1 | REV A

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