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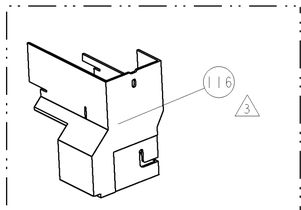
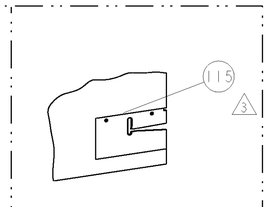
| PART NUMBER | REV | FIRST USED | POWER UNIT | FEED TYPE | DESCRIPTION |
|---|---|---|---|---|---|
| 1852743-1 | A | 122500-1 | LEADMAKER | POST FEED | CUTS CARRIER |
| 1852743-2 | A | 565435-5 | BENCH MODEL K | PRE FEED | CUTS CARRIER |
| 1852743-3 | A | 354500-1 | BENCH MODEL G | PRE FEED | CUTS CARRIER |
| 1852743-6 | A | 122500-1 | LEADMAKER | POST FEED | CONTINUOUS CARRIER |
| 7-1852743-7 | A | - | - | - | SPARE PARTS |



AMP-O-LECTRIC TERM GUARD



G TERMINATOR GUARD

TERMINAL NAME: TERMINAL

| TE PN | SUMITOMO |
|---|---|
| 1949761 4 | 8100-0782 |
| 1949775 4 | 1500-0166 |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |
| - | - |

SUMITOMO TERMINAL-SUMITOMO CRIMP SPECS

| PAD LTR | CRIMP HEIGHT | WIRE SIZE |
|---|---|---|
| A | 2.10mm+.05/-.05[.083+.002/-.002] | 3mm2 |
| B | 1.85mm+.05/-.05[.073+.002/-.002] | 2mm2 |
| C | | - |
| D | | - |

| CRIMP | SIZE | TYPE | RANGE |
|---|---|---|---|
| WIRE | 3.40mm [.134] | F | 2mm-3mm |
| INSUL | 4.19mm [.165] | F | Ø3.400 MAX |

| WIRE STRIP LENGTH | TERM APPL SPEC | FEED | APPLICATOR INSTRUCTIONS | SET UP GAGE |
|---|---|---|---|---|
| 4.80-5.18 | SUMITOMO | 17.10 | 408-8040 | 458637-1 |

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

REVISIONS

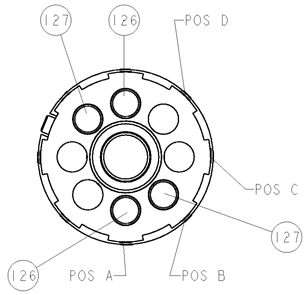
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | RELEASED | 08OCT2008 | BH | BH |

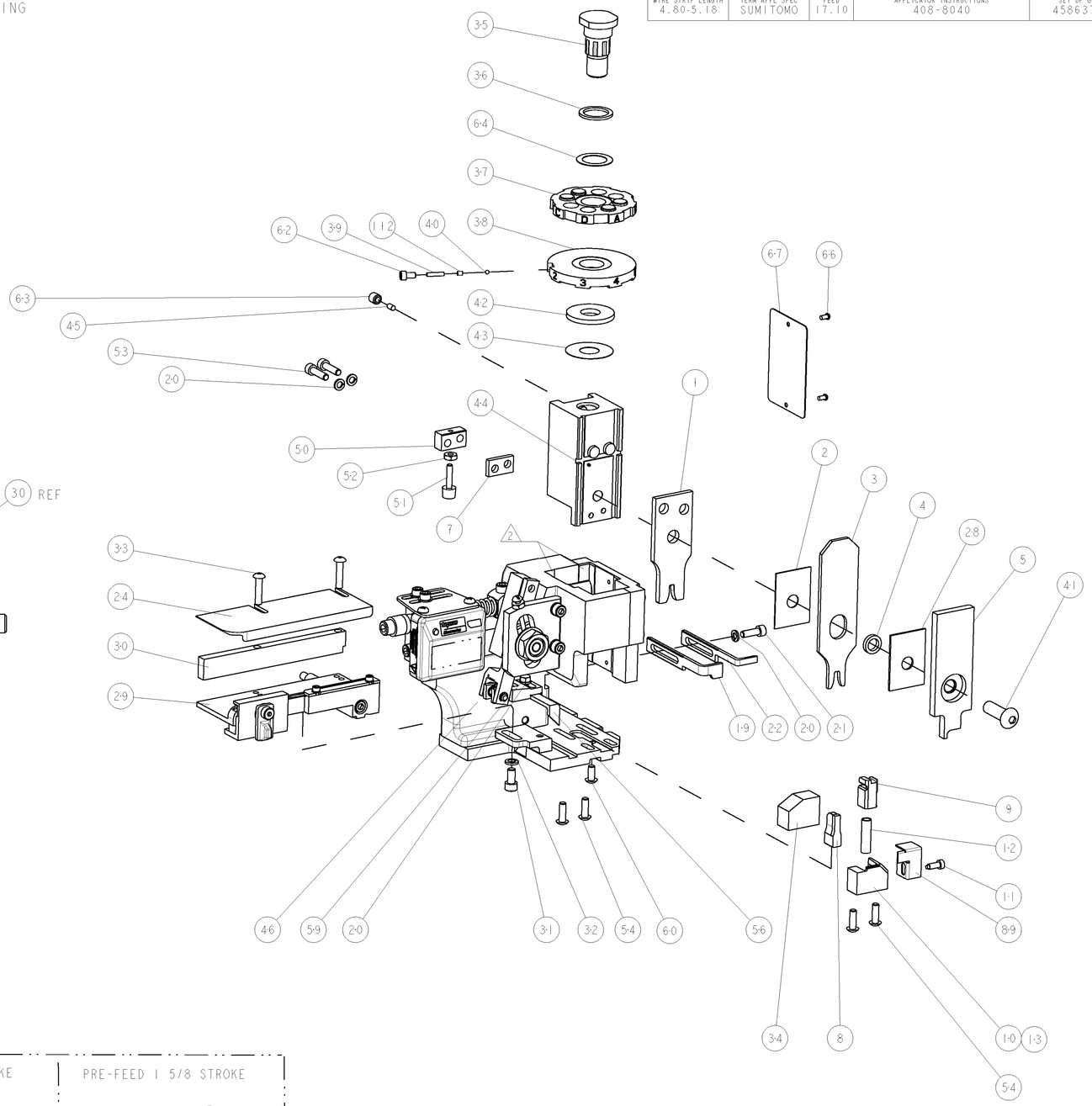
1 RECOMMENDED SPARE PARTS

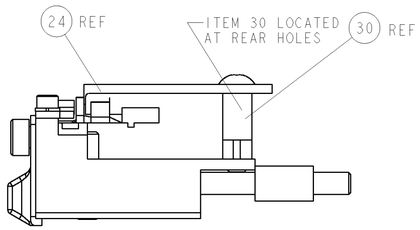
2 GREASE LIGHTLY

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

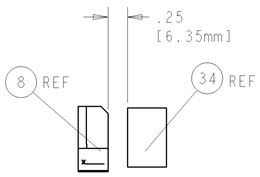
4 FEED ADJUSTMENT REQUIRED WHEN SWITCHING TERMINALS.



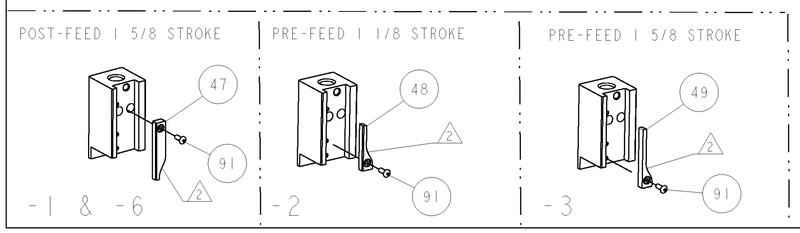



FEED TRACK POSITION GUIDE BY INS. BARREL



TERMINAL SUPPORT LOCATION




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | - | 2 | 2 | 2 | 2 | - | 9-354778-3 | PIN, WIRE DISC, .2960 | 127 |
| | - | 2 | 2 | 2 | 2 | - | 7-354778-3 | PIN, WIRE DISC, .2860 | 126 |
| 3 | - | - | - | REF | - | .. | 455749-1 | GUARD WINDOW | 116 |
| 3 | - | - | REF | - | - | .. | 679532-1 | INSERT, GUARD | 115 |
| | - | 1 | 1 | 1 | 1 | - | 690603-1 | SPRING ASSIST AMP-O-MATOR APPLICATOR | 112 |
| | - | 1 | 1 | 1 | 1 | - | 1-21002-7 | SCR, BTN SKT HD CAP 6-32 X .375 | 91 |
| | - | 1 | 1 | 1 | 1 | - | 318563-1 | GUARD, FRONT CHIP | 89 |
| | - | 1 | 1 | 1 | 1 | - | 4088040 | SF APPL INST 408-8040 | 72 |
| | - | 1 | 1 | 1 | 1 | - | 217238-1 | GENERAL INSTRUCTION PKG | 71 |
| | - | 1 | 1 | 1 | 1 | - | 461264-1 | PLATE, IDENTIFICATION | 67 |
| | - | 2 | 2 | 2 | 2 | - | 21017-2 | SCREW, DRIVE | 66 |
| | - | 1 | 1 | 1 | 1 | - | 986950-1 | WASHER, FLAT PRECISION | 64 |
| | - | 1 | 1 | 1 | 1 | - | 21009-2 | SCR, SET, SELF LOCKING 1/4-20 X .250 | 63 |
| | - | 1 | 1 | 1 | 1 | - | 23030-1 | SCR, SKT HD CAP 6-32 x .25 | 62 |
| | - | 1 | 1 | 1 | 1 | - | 22733-8 | SCR, BHSC, SELF-LOCKING, 8-32 X .375 | 60 |
| | - | 1 | 1 | 1 | 1 | - | 2-22603-0 | SCR, HEX HD CAP 8-32 X .312 | 59 |
| | - | 1 | 1 | 1 | 1 | - | 458537-2 | PAWL, FEED | 56 |
| | - | 4 | 4 | 4 | 4 | - | 2-21002-2 | SCR, BTN SKT HD CAP 8-32 X .500 | 54 |
| | - | 2 | 2 | 2 | 2 | - | 2-21000-8 | SCR, SKT HD CAP 8-32 X .625 | 53 |
| | - | 1 | 1 | 1 | 1 | - | 21018-5 | NUT, HEX, REG 6-32 | 52 |
| | - | 1 | 1 | 1 | 1 | - | 811242-2 | BUMPER, HOLD DOWN | 51 |
| | - | 1 | 1 | 1 | 1 | - | 690753-1 | SPACER, TONKER | 50 |
| | - | - | 1 | - | - | .. | 690602-6 | CAM, PRE FEED, 1 5/8 | 49 |
| | - | - | - | 1 | - | .. | 690602-5 | CAM, PRE FEED, 1 1/8 | 48 |
| | - | 1 | - | - | 1 | - | 690501-4 | CAM, POST-FEED 1 5/8 | 47 |
| | - | 1 | 1 | 1 | 1 | - | 459456-1 | APPL. BASIC SUB ASSY (SIDE WISE MQCA) | 46 |
| | - | 1 | 1 | 1 | 1 | - | 690191-1 | PLUG,NYLON | 45 |
| | - | 1 | 1 | 1 | 1 | - | 819307-1 | RAM, SIDE FEED | 44 |
| | - | 1 | 1 | 1 | 1 | - | 690125-1 | SHIM SUB-ASSY | 43 |
| | - | 1 | 1 | 1 | 1 | - | 690124-1 | WASHER, RAM (.115) | 42 |
| | - | 1 | 1 | 1 | 1 | - | 7-21002-9 | SCR, BTN SKT HD CAP 5/16-24 X 1.00 | 41 |
| | - | 1 | 1 | 1 | 1 | - | 23241-6 | BALL, STEEL | 40 |
| | - | 1 | 1 | 1 | 1 | - | 690170-1 | SPRING, COMPRESSION | 39 |
| | - | 1 | 1 | 1 | 1 | - | 690142-4 | DISC, INSULATION | 38 |
| | - | 1 | 1 | 1 | 1 | - | 354777-1 | WIRE DISC, ASSEMBLY | 37 |
| | - | 1 | 1 | 1 | 1 | - | 22480-5 | SPRING, COMPRESSION | 36 |
| | - | 1 | 1 | 1 | 1 | - | 690212-1 | POST, RAM | 35 |
| | - | 1 | 1 | 1 | 1 | - | 690786-3 | TERMINAL SUPPORT | 34 |
| | - | 2 | 2 | 2 | 2 | - | 2-21002-4 | SCR, BTN SKT HD CAP 8-32 X .750 | 33 |
| | - | 1 | 1 | 1 | 1 | - | 21024-5 | WASHER, SPRG LOCK, REG NO 10 | 32 |
| | - | 1 | 1 | 1 | 1 | - | 3-21000-4 | SCR, SKT HD CAP 10-32 X .375 | 31 |
| | - | 1 | 1 | 1 | 1 | - | 1320908-3 | SPACER, STRIP GUIDE | 30 |
| | - | 1 | 1 | 1 | 1 | - | 1633091-1 | ASSEMBLY, STRIP GUIDE | 29 |
| | - | 1 | 1 | 1 | 1 | - | 1-455888-0 | SPACER, CRIMPER | 28 |
| | - | 1 | 1 | 1 | 1 | - | 1320928-4 | PLATE, STRIP GUIDE | 24 |
| | - | 1 | - | - | 1 | - | 690472-2 | STRIPPER | 22 |
| | - | 1 | 1 | 1 | 1 | - | 2-21000-7 | SCR, SKT HD CAP 8-32 X .500 | 21 |
| | - | 4 | 4 | 4 | 4 | - | 21024-4 | WASHER, SPRG LOCK, REG NO 8 | 20 |
| | - | - | 1 | 1 | - | - | 691353-1 | STRIPPER | 19 |
| 1 | - | 1 | - | - | - | - | 679625-1 | SHEAR HOLDER, FRONT (NO CUT) | 13 |
| | - | 1 | 1 | 1 | 1 | - | 3-22280-3 | SPRING, COMPRESSION | 12 |
| | - | 1 | 1 | 1 | 1 | - | 690461-1 | STOP, SHEAR | 11 |
| 1 | - | - | 1 | 1 | 1 | - | 690459-1 | SHEAR HOLDER, FRONT | 10 |
| 1 | - | 1 | 1 | 1 | 1 | - | 454276-1 | FLOATING SHEAR, FRONT | 9 |
| 1 | 1 | 1 | 1 | 1 | 1 | - | 1-1633665-2 | ANVIL, COMBINATION | 8 |
| | - | 1 | 1 | 1 | 1 | - | 240641-5 | SPACER | 7 |
| | - | - | - | - | - | .. | - | - | 6 |
| | - | 1 | 1 | 1 | 1 | - | 1-455889-8 | DEPRESSOR, SHEAR | 5 |
| | - | 1 | 1 | 1 | 1 | - | 238011-4 | BLOCK, CRIMPER SPACER | 4 |
| 1 | 1 | 1 | 1 | 1 | 1 | - | 1-1424909-4 | CRIMPER, INSULATION F | 3 |
| | - | 1 | 1 | 1 | 1 | - | 455888-5 | SPACER, CRIMPER | 2 |
| 1 | 1 | 1 | 1 | 1 | 1 | - | 1633664-7 | CRIMPER, WIRE | 1 |
| | -77 | -6 | -3 | -2 | -1 | U/M | PART NO | DESCRIPTION | ITEM NO |

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| | | |
|---|---|---|
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| CHK | T. ELBIN | 27AUG2008 |
| APVD | N. DEMING | 27AUG2008 |

Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±-
1 PLC ±0.1
2 PLC ±0.01
3 PLC ±0.001
4 PLC ±0.0001
ANGLES ±-

MATERIAL -
FINISH -

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

NAME: SIDE FEED HDM APPLICATOR

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | G-1852743 | - |

CUSTOMER DRAWING | SCALE 3:5 | SHEET 1 OF 1 | REV A

CUSTOMER VIEWABLE ASSEMBLY

AMP 4805 REV 31MAR2000

Pro/ENGINEER DRAWING

# Mouser Electronics

Authorized Distributor

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TE Connectivity:
1852743-3