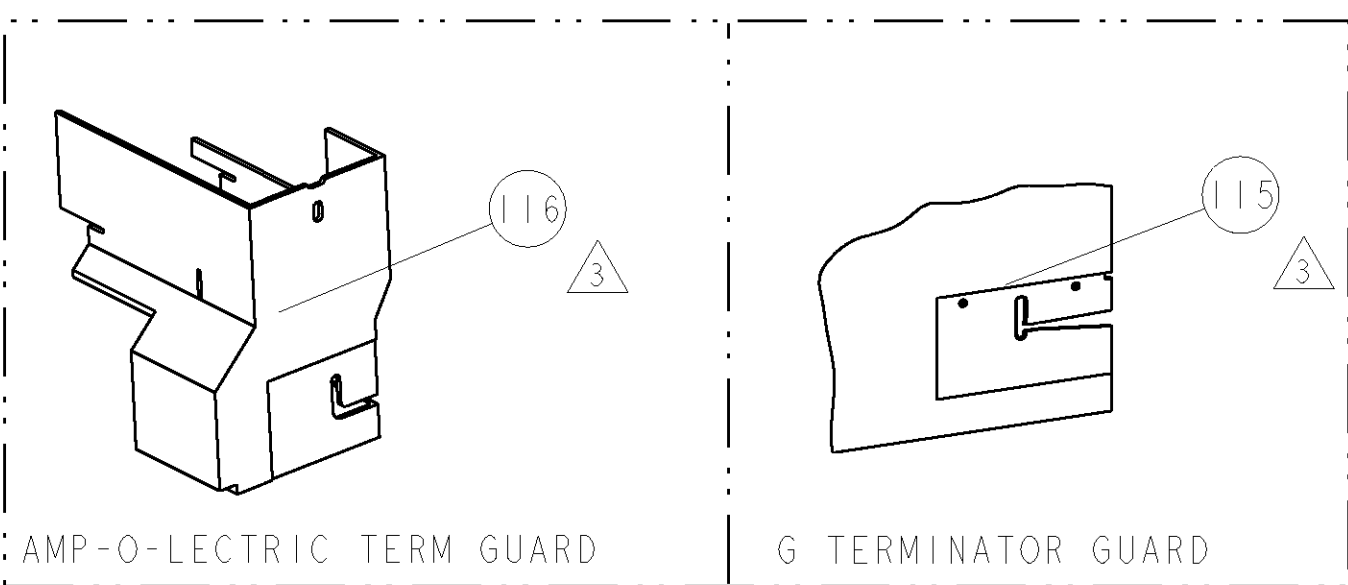


|                                                       |     |               |               |                          |                    |  |  |
|-------------------------------------------------------|-----|---------------|---------------|--------------------------|--------------------|--|--|
| 8                                                     |     |               |               | 7                        |                    |  |  |
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| PART<br>NUMBER                                        | REV | FIRST<br>USED | POWER UNIT    | FEED TYPE                | DESCRIPTION        |  |  |
| 1852435-1                                             | A   | 122500-1      | LEADMAKER     | POST FEED                | CUTS CARRIER       |  |  |
| 1852435-2                                             | A   | 565435-5      | BENCH MODEL K | PRE FEED                 | CUTS CARRIER       |  |  |
| 1852435-3                                             | A   | 354500-1      | BENCH MODEL G | PRE FEED                 | CUTS CARRIER       |  |  |
| 1852435-6                                             | A   | 122500-1      | LEADMAKER     | POST FEED                | CONTINUOUS CARRIER |  |  |
| 7-1852435-7                                           | A   | -             | -             | -                        | SPARE PARTS        |  |  |

- △ RECOMMENDED SPARE PARTS
- △ GREASE LIGHTLY
- △ GUARD MUST BE IN PLACE WHEN OPERATING APPLICATOR IN A BENCH MACHINE



|                                        |                |                                    |                         |           |             |
|----------------------------------------|----------------|------------------------------------|-------------------------|-----------|-------------|
| TERMINAL NAME: FLAT BLADE, SERIES 2176 |                |                                    |                         |           |             |
| TYCO PN                                | MOLEX PN       | MOLEX TERMINAL - MOLEX CRIMP SPECS |                         |           |             |
| 1949291                                | 05-06-0301     |                                    |                         |           |             |
| -                                      | -              | PAD LTR                            | CRIMP HEIGHT            | WIRE SIZE |             |
| -                                      | -              | A                                  | .057±.001 [1.45±0.03mm] | 16AWG     |             |
| -                                      | -              | B                                  | .051±.001 [1.30±0.03mm] | 18AWG     |             |
| -                                      | -              | C                                  | .049±.001 [1.24±0.03mm] | 20AWG     |             |
| -                                      | -              | D                                  | .047±.001 [1.19±0.03mm] | 22AWG     |             |
| -                                      | -              | CRIMP                              | SIZE                    | TYPE      | RANGE       |
| -                                      | -              | WIRE                               | .080 [2.03mm]           | F         | 22-16 AWG   |
| -                                      | -              | INSUL                              | .140 [3.56mm]           | F         | Ø.140 MAX   |
| WIRE STRIP LENGTH                      | TERM APPL SPEC | FEED                               | APPLICATOR INSTRUCTIONS |           | SET UP GAGE |
| .140 - .187                            | NONE           | .592                               | 408-8040                |           | 458637-1    |

|     |  |      |  |          |     |             |           |
|-----|--|------|--|----------|-----|-------------|-----------|
| LOC |  | DIST |  | REVISONS |     |             |           |
| A   |  | 66   |  | P        | LTR | DESCRIPTION | DATE      |
|     |  |      |  | A        |     | RELEASED    | 27MAR2007 |
|     |  |      |  |          |     |             | RK        |
|     |  |      |  |          |     |             | GB        |

|   |   |     |     |   |    |             |                                       |     |
|---|---|-----|-----|---|----|-------------|---------------------------------------|-----|
| - | 2 | 2   | 2   | 2 | -  | 3-354779-5  | PIN, WIRE DISC, .3165                 | 129 |
| - | 2 | 2   | 2   | 2 | -  | 3-354779-2  | PIN, WIRE DISC, .3150                 | 128 |
| - | 2 | 2   | 2   | 2 | -  | 2-354779-8  | PIN, WIRE DISC, .3130                 | 127 |
| - | 2 | 2   | 2   | 2 | -  | 1-354779-6  | PIN, WIRE DISC, .3070                 | 126 |
| - | 1 | 1   | 1   | 1 | -  | 1-22281-8   | SPRING, COMPRESSION                   | 121 |
| - | - | -   | REF | - | .. | 455749-1    | GUARD WINDOW                          | 116 |
| - | - | REF | -   | - | .. | 679532-1    | INSERT, GUARD                         | 115 |
| - | 1 | 1   | 1   | 1 | -  | 690603-1    | SPRING ASSIST AMP-O-MATOR APPLICATOR  | 112 |
| - | 1 | 1   | 1   | 1 | -  | 2-690487-9  | GUIDE, FRONT STRIP                    | 96  |
| - | 2 | 2   | 2   | 2 | -  | 1-21000-6   | SCR, SKT HD CAP 4-40 X .625           | 95  |
| - | 1 | 1   | 1   | 1 | -  | 4-21028-0   | PIN, SLOTTED SPRING .094 X .750       | 94  |
| - | 1 | 1   | 1   | 1 | -  | 690432-3    | ADJUSTMENT SCREW                      | 93  |
| - | 1 | 1   | 1   | 1 | -  | 1-21002-7   | SCR, BTN SKT HD CAP 6-32 X .375       | 91  |
| - | 1 | 1   | 1   | 1 | -  | 691668-1    | GUARD, REAR CHIP                      | 90  |
| - | 1 | 1   | 1   | 1 | -  | 2-240641-9  | SPACER                                | 81  |
| - | 1 | 1   | 1   | 1 | -  | 4088040     | SF APPL INST 408-8040                 | 72  |
| - | 1 | 1   | 1   | 1 | -  | 217238-1    | GENERAL INSTRUCTION PKG               | 71  |
| - | 4 | 4   | 4   | 4 | -  | 21024-2     | WASHER, SPRG LOCK, REG NO 4           | 68  |
| - | 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  |
| - | 2 | 2   | 2   | 2 | -  | 5-21006-6   | SCR, SET, CUP POINT 10-32 X .750      | 61  |
| - | 1 | 1   | 1   | 1 | -  | 22733-8     | SCR, BHSC, SELF-LOCKING, 8-32 X .375  | 60  |
| - | 1 | 1   | 1   | 1 | -  | 2-22603-0   | SCREW, MACH, HEX HD, 8-32 x .312      | 59  |
| - | 1 | 1   | 1   | 1 | -  | 694433-2    | FEED PAWL                             | 56  |
| - | 2 | 2   | 2   | 2 | -  | 2-21002-2   | SCR, BTN SKT HD CAP 8-32 X .500       | 54  |
| - | 2 | 2   | 2   | 2 | -  | 2-21000-9   | SCR, SKT HD CAP 8-32 X .750           | 53  |
| - | - | 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 MOCA) | 46  |
| - | 1 | 1   | 1   | 1 | -  | 690191-1    | PLUG,NYLON                            | 45  |
| - | 1 | 1   | 1   | 1 | -  | 455673-1    | 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 | -  | 690142-1    | 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  |
| - | 2 | 2   | 2   | 2 | -  | 1-21000-1   | SCR, SKT HD CAP 2-56 X .375           | 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 | -  | 1-844048-1  | PLATE, REAR STRIP GUIDE               | 29  |
| - | 2 | 2   | 2   | 2 | -  | 1-22284-0   | SPRING, COMPRESSION                   | 27  |
| - | 1 | 1   | 1   | 1 | -  | 240793-1    | LEVER, DRAG RELEASE                   | 26  |
| - | 1 | 1   | 1   | 1 | -  | 240792-1    | DRAG, TERMINAL                        | 25  |
| - | 1 | 1   | 1   | 1 | -  | 690438-1    | FRONT STRIP GUIDE                     | 24  |
| - | 1 | 1   | 1   | 1 | -  | 22353-8     | SCR, SHLD, SLOT HD, 3/16 DIA          | 23  |
| - | 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   | 1   | 1 | -  | 690518-1    | HOLD DOWN, TERMINAL                   | 18  |
| - | 2 | 2   | 2   | 2 | -  | 1-21000-8   | SCR, SKT HD CAP 6-32 X .250           | 16  |
| - | 1 | 1   | 1   | 1 | -  | 1-690691-0  | PLATE,REAR SHEAR                      | 15  |
| - | 1 | 1   | 1   | 1 | -  | 690462-1    | SHEAR HOLDER, REAR                    | 14  |
| - | 1 | 1   | 1   | 1 | -  | 690463-1    | FLOATING SHEAR, REAR                  | 13  |
| - | 1 | 1   | 1   | 1 | -  | 3-22280-3   | SPRING, COMPRESSION                   | 12  |
| - | 1 | 1   | 1   | 1 | -  | 690461-1    | STOP, SHEAR                           | 11  |
| 1 | 1 | 1   | 1   | 1 | -  | 2-1633109-3 | ANVIL, COMBINATION .080               | 8   |
| - | 1 | 1   | 1   | 1 | -  | 690468-1    | DEPRESSOR SHEAR, REAR                 | 6   |
| - | 1 | 1   | 1   | 1 | -  | 238009-4    | BLOCK, FL CRIMPER SPACER              | 4   |
| 1 | 1 | 1   | 1   | 1 | -  | 3-683453-1  | CRIMPER, INSULATION PREMIUM           | 3   |
| - | 1 | 1   | 1   | 1 | -  | 455888-7    | SPACER, CRIMPER                       | 2   |
| 1 | 1 | 1   | 1   | 1 | -  | 1-456405-8  | CRIMPER, WIRE PREMIUM                 | 1   |

|             |  |                                        |  |                  |  |                           |  |
|-------------|--|----------------------------------------|--|------------------|--|---------------------------|--|
| DIMENSIONS: |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | DWN              |  | TYCO                      |  |
| INCHES      |  | 9 PLC ±.01                             |  | R. KNEPPER       |  | Tyco Electronics          |  |
|             |  | 2 PLC ±.01                             |  | G. BAILEY        |  | Harrisburg, PA 17105-3608 |  |
|             |  | 3 PLC ±.001                            |  | T. BENCHOFF      |  |                           |  |
|             |  | 4 PLC ±.0001                           |  |                  |  |                           |  |
| MATERIAL    |  | FINISH                                 |  | PRODUCT SPEC     |  | NAME                      |  |
|             |  |                                        |  | APPLICATION SPEC |  | SIZE                      |  |
|             |  |                                        |  | WEIGHT           |  | CAGE CODE                 |  |
|             |  |                                        |  | CUSTOMER DRAWING |  | DRAWING NO                |  |
|             |  |                                        |  |                  |  | RESTRICTED TO             |  |
|             |  |                                        |  |                  |  | A1 00779                  |  |
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|             |  |                                        |  |                  |  | SCALE                     |  |
|             |  |                                        |  |                  |  | 3:5                       |  |
|             |  |                                        |  |                  |  | SHEET                     |  |
|             |  |                                        |  |                  |  | 1                         |  |
|             |  |                                        |  |                  |  | OF                        |  |
|             |  |                                        |  |                  |  | REV                       |  |
|             |  |                                        |  |                  |  | A                         |  |

CUSTOMER VIEWABLE ASSEMBLY

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