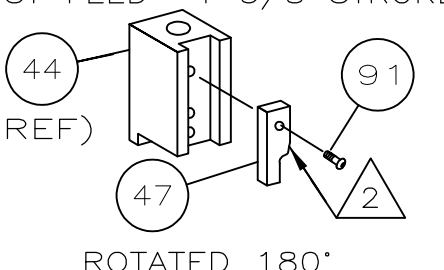
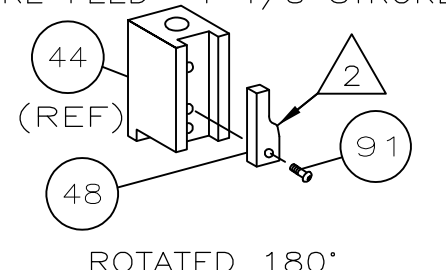
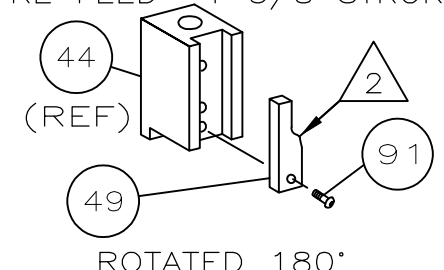
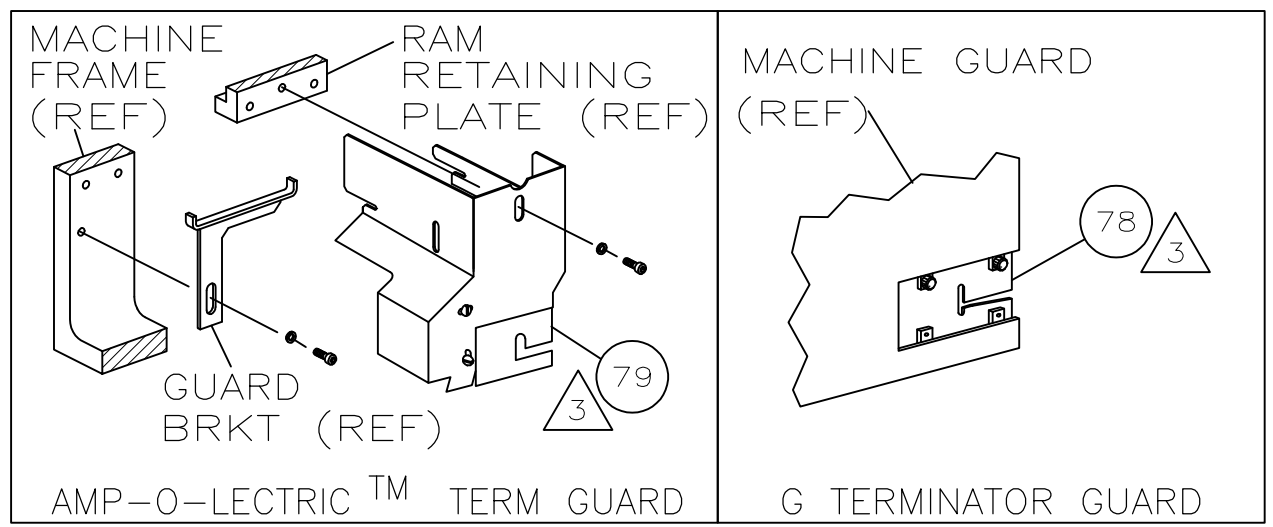
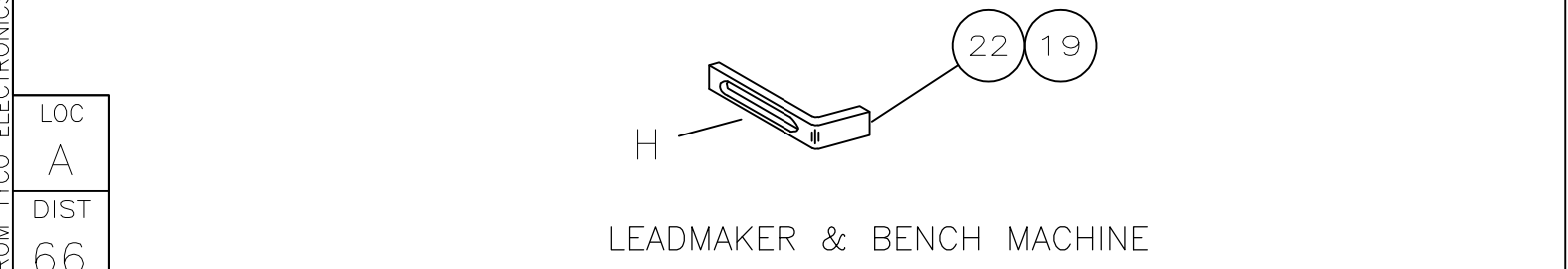


THIS DRAWING IS A CONTROLLED DOCUMENT.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION AND ITS WORLDWIDE SUBSIDIARIES AND AFFILIATES. IT MAY NOT BE DISCLOSED TO ANY OTHER PARTY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA, U.S.A.

| PART NUMBER | REV | FIRST USED |
|-------------|-----|------------|
| 1385853-1   | E   | 122500-1   |
| 1385853-2   | E   | 565435-5   |
| 1385853-3   | E   | 354500-1   |

| POST FEED 1 5/8 STROKE                                                             | PRE FEED 1 1/8 STROKE                                                               | PRE FEED 1 5/8 STROKE                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |
| LEADMAKER                                                                          | K TERMINATOR                                                                        | G TERMINATOR                                                                        |



- 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.
- 5. ITEMS WITH QTY OF REF SPECIFIED (EXCEPT ITEMS 78 AND 79) ARE USED ON ITEM 46.
- 6 GUIDE OFF INSULATION

| TERMINAL NAME: TERMINAL |             |                 |                           |                  |                    |
|-------------------------|-------------|-----------------|---------------------------|------------------|--------------------|
| AMP TERM PN             | MFR TERM PN | ARKLES TERMINAL |                           | AMP CRIMP SPECS  |                    |
| 1572621                 | 3800H-64A   | PAD LTR         | CRIMP HEIGHT              |                  | WIRE SIZE          |
|                         |             | A               | .069 ±.002 [1.75 ±0.05mm] |                  | 14                 |
|                         |             | B               | .061 ±.002 [1.55 ±0.05mm] |                  | 16                 |
|                         |             | C               | NOT                       |                  | USED               |
|                         |             | D               | NOT                       |                  | USED               |
|                         |             | CRIMP           | SIZE                      | TYPE             | RANGE              |
|                         |             | WIRE            | .120 [3.05mm]             | F                | 16-14              |
|                         |             | INSUL           | .160 [4.06mm]             | F                | .140 MAX           |
| WIRE STRIP LENGTH       |             | TERM APPL SPEC  | FEED                      | APPL INSTRUCTION | SET UP GAGE LAYOUT |
| .200-.216               |             | NONE            | .600                      | 408-8040         | 458637-1 L3061     |

|                   |     |     |     |            |                                 |         |
|-------------------|-----|-----|-----|------------|---------------------------------|---------|
|                   |     |     |     |            |                                 | 129     |
|                   |     |     |     |            |                                 | 128     |
| 2                 | 2   | 2   | -   | 2-354779-6 | PIN, WIRE DISC (.3120)B         | 127     |
| 2                 | 2   | 2   | -   | 354779-8   | PIN, WIRE DISC (.3030)A         | 126     |
| 1                 | 1   | 1   | -   | 986950-1   | WASHER, FLAT PRECISION          | 125     |
| 1                 | 1   | 1   | -   | 217238-1   | GENERAL INSTRUCTION PACKAGE     | 124     |
| 1                 | 1   | 1   | -   | 4088040    | SF APPL INST 408-8040           | 123     |
|                   |     |     |     |            |                                 | 122     |
| 1                 | 1   | 1   | -   | 4-21028-0  | PIN,SLT SPR(Ø.093x.75)ST GDE PL | 121     |
| REF               | REF | REF | -   | 1-21030-1  | PIN,DOWEL(Ø.187x.50)LEVER       | 120     |
| REF               | REF | REF | -   | 1-21030-6  | PIN,DOWEL(Ø.187x1.25)HOUSING    | 119     |
| REF               | REF | REF | -   | 21045-3    | RING,RET "C"(Ø.187)FD FING PIN  | 118     |
| 1                 | 1   | 1   | -   | 21024-5    | WASHER, LOCK(#10)ADJ BLOCK      | 117     |
| REF               | REF | REF | -   | 21024-5    | WASHER,LOCK(#10)ADJ PLATE       | 116     |
| REF               | REF | REF | -   | 21024-5    | WASHER,LOCK(#10)FEED GDE ROD    | 115     |
| 2                 | 2   | 2   | -   | 21024-2    | WASHER,LOCK(#4)FRONT STP GUIDE  | 114     |
| REF               | REF | REF | -   | 5-21028-1  | PIN,SLT SPR(Ø.125x.50)ADJ ROD   | 113     |
|                   |     |     |     |            |                                 | 112     |
| 4                 | 4   | 4   | -   | 21024-4    | WASHER,LOCK(#8)STRIPPER         | 111     |
| REF               | REF | REF | -   | 21899-4    | WASHER,FLAT(Ø5/16)SCREW ADJ     | 110     |
|                   |     |     |     |            |                                 | 109     |
|                   |     |     |     |            |                                 | 108     |
| REF               | REF | REF | -   | 21068-5    | NUT,HEX(6-32)FEED ADJ           | 107     |
|                   |     |     |     |            |                                 | 106     |
|                   |     |     |     |            |                                 | 105     |
|                   |     |     |     |            |                                 | 104     |
| 1                 | 1   | 1   | -   | 21009-2    | SCR,SKT SET(1/4-20x.25 LW)RAM   | 103     |
| 2                 | 2   | 2   | -   | 21017-2    | SCR,DRIVE(#2x.19)ID PLATE       | 102     |
| REF               | REF | REF | -   | 6-23715-5  | SCR,PAN HD(6-32x1.50)FEED ADJ   | 101     |
| 1                 | 1   | 1   | -   | 461264-1   | PLATE, IDENTIFICATION           | 100     |
| 2                 | 2   | 2   | -   | 5-21006-6  | SCR,SET(10-32x.75)DRAG          | 99      |
| 1                 | 1   | 1   | -   | 22733-8    | SCR,BHC(8-32x.38 LW)ANVIL       | 98      |
| REF               | REF | REF | -   | 2-21002-9  | SCR,BHC(10-32x.75)CAP           | 97      |
| REF               | REF | REF | -   | 2-22733-8  | SCR,BHC(1/4-20x.62)HOUSING      | 96      |
| REF               | REF | REF | -   | 2-21002-7  | SCR,BHC(10-32x.50)SG ADJ BLOCK  | 95      |
| 6                 | 6   | 6   | -   | 2-21002-2  | SCR,BHC(8-32x.50)TERM H DWN     | 94      |
|                   |     |     |     |            |                                 | 93      |
|                   |     |     |     |            |                                 | 92      |
| 1                 | 1   | 1   | -   | 1-21002-7  | SCR,BHC(6-32x.38)CAM            | 91      |
|                   |     |     |     |            |                                 | 90      |
| 1                 | 1   | 1   | -   | 455888-8   | SPACER, CRIMPER                 | 89      |
| 2                 | 2   | 2   | -   | 1-21000-8  | SCR,SHC(6-32x.25)R SHEAR PLATE  | 88      |
| 2                 | 2   | 2   | -   | 2-21000-9  | SCR,SHC(8-32x.75)REARDEP        | 87      |
| 1                 | 1   | 1   | -   | 2-22603-0  | SCR,HEX HD(8-32x.31)FEED FINGER | 86      |
| 2                 | 2   | 2   | -   | 1-21000-3  | SCR,SHC(4-40x.25)FR ST GUIDE    | 85      |
| 1                 | 1   | 1   | -   | 2-21000-9  | SCR,SHC(8-32x.75)STRIPPER       | 84      |
| REF               | REF | REF | -   | 3-21000-7  | SCR,SHC(10-32x.75)FEED ROD GD   | 83      |
| REF               | REF | REF | -   | 3-21000-6  | SCR,SHC(10-32x.62)FD ADJ BLK    | 82      |
| 1                 | 1   | 1   | -   | 3-21000-4  | SCR,SHC(10-32x.38)SG ADJ BL     | 81      |
| REF               | REF | REF | -   | 3-21000-4  | SCR,SHC(10-32x.38)PIVOT BLK     | 80      |
| -                 | REF | -   | -   | 455749-1   | GUARD, WINDOW                   | 79      |
| REF               | -   | -   | -   | 679532-1   | INSERT, GUARD                   | 78      |
|                   |     |     |     |            |                                 | 77      |
|                   |     |     |     |            |                                 | 76      |
|                   |     |     |     |            |                                 | 75      |
| 1                 | 1   | 1   | -   | 690603-1   | SPRING, ASSIST                  | 74      |
| 1                 | 1   | 1   | -   | 23030-1    | SCR,SHC(6-32x.25 SL)INS DISC    | 73      |
| REF               | REF | REF | -   | 458109-1   | WASHER, SPECIAL                 | 72      |
| REF               | REF | REF | -   | 690517-1   | SPACER                          | 71      |
| -3                | -2  | -1  | U/M | PART NO    | DESCRIPTION                     | ITEM NO |
| 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  |

|     |     |     |     |             |                             |         |
|-----|-----|-----|-----|-------------|-----------------------------|---------|
| REF | REF | REF | -   | 22594-8     | NUT,HEX(1/2-20)             | 70      |
| REF | REF | REF | -   | 240628-1    | PLATE, ADJUSTMENT           | 69      |
| REF | REF | REF | -   | 240626-1    | SHAFT, PIVOT                | 68      |
| REF | REF | REF | -   | 240633-1    | BUSHING                     | 67      |
| REF | REF | REF | -   | 455680-1    | LEVER, INTERMEDIATE         | 66      |
| REF | REF | REF | -   | 240629-1    | BLOCK, PIVOT                | 65      |
| REF | REF | REF | -   | 240632-2    | SCREW, ADJ FEED ROD         | 64      |
| REF | REF | REF | -   | 240659-3    | PIN, CAM ROLLER             | 63      |
| REF | REF | REF | -   | 240658-1    | ROLLER, CAM                 | 62      |
| REF | REF | REF | -   | 454398-2    | ROD, FEED                   | 61      |
| REF | REF | REF | -   | 454178-1    | GUIDE, FEED ROD             | 60      |
| REF | REF | REF | -   | 454220-1    | CAP, RAM                    | 59      |
| REF | REF | REF | -   | 454485-1    | HOUSING                     | 58      |
|     |     |     |     |             |                             | 57      |
| 1   | 1   | 1   | -   | 458537-2    | PAWL, FEED                  | 56      |
| REF | REF | REF | -   | 240624-1    | PIN, FEED FINGER            | 55      |
| REF | REF | REF | -   | 691499-1    | SPRING, FEED FINGER         | 54      |
| REF | REF | REF | -   | 690541-1    | HOLDER, FEED FINGER         | 53      |
| REF | REF | REF | -   | 455679-2    | LEVER, TERMINAL FEED ARM    | 52      |
|     |     |     |     |             |                             | 51      |
|     |     |     |     |             |                             | 50      |
| 1   | -   | -   | -   | 690602-6    | CAM, PRE-FEED 1 5/8 ST      | 49      |
| -   | 1   | -   | -   | 690602-5    | CAM, PRE-FEED 1 1/8 ST      | 48      |
| -   | -   | 1   | -   | 690501-4    | CAM, POST-FEED 1 5/8 ST     | 47      |
| 1   | 1   | 1   | -   | 459456-2    | APPLICATOR, BASIC (SUBASSY) | 46      |
| 1   | 1   | 1   | -   | 690191-1    | PLUG, NYLON                 | 45      |
| 1   | 1   | 1   | -   | 455673-1    | RAM                         | 44      |
| 1   | 1   | 1   | -   | 690125-1    | WASHER, LAMINATED           | 43      |
| 1   | 1   | 1   | -   | 690124-1    | WASHER, RAM                 | 42      |
| 1   | 1   | 1   | -   | 7-21002-9   | BOLT, CRIMPER(5/16x1.00)    | 41      |
| 1   | 1   | 1   | -   | 23241-6     | BALL, STEEL                 | 40      |
| 1   | 1   | 1   | -   | 690170-1    | SPRING, COMPRESSION         | 39      |
| 1   | 1   | 1   | -   | 690142-1    | DISC, INSULATION            | 38      |
| 1   | 1   | 1   | -   | 354777-1    | DISC, WIRE                  | 37      |
| 1   | 1   | 1   | -   | 22480-5     | WASHER, SPRING              | 36      |
| 1   | 1   | 1   | -   | 690212-1    | POST, RAM                   | 35      |
|     |     |     |     |             |                             | 34      |
| REF | REF | REF | -   | 455675-1    | PLATE, BASE                 | 33      |
| 1   | 1   | 1   | -   | 690432-3    | SCREW, ADJUSTMENT           | 32      |
|     |     |     |     |             |                             | 31      |
| REF | REF | REF | -   | 455689-1    | BLOCK, STRIP GUIDE ADJ      | 30      |
| 1   | 1   | 1   | -   | 455671-1    | PLATE, STRIP GUIDE          | 29      |
| 1   | 1   | 1   | -   | 1-455888-0  | SPACER, FRONT SHEAR DEP     | 28      |
| 2   | 2   | 2   | -   | 1-22284-0   | SPRING, DRAG                | 27      |
| 1   | 1   | 1   | -   | 690546-1    | LEVER, DRAG RELEASE         | 26      |
| 1   | 1   | 1   | -   | 240792-1    | DRAG, TERMINAL              | 25      |
| 1   | 1   | 1   | -   | 9-690504-4  | GUIDE, STRIP (REAR)         | 24      |
| 1   | 1   | 1   | -   | 690438-1    | GUIDE, STRIP (FRONT)        | 23      |
| -   | -   | 1   | -   | 690472-2    | STRIPPER                    | 22      |
| REF | REF | REF | -   | 4-22284-9   | SPRING, FEED RETURN         | 21      |
|     |     |     |     |             |                             | 20      |
| 1   | 1   | -   | -   | 691353-1    | STRIPPER                    | 19      |
|     |     |     |     |             |                             | 18      |
| 1   | 1   | 1   | -   | 691668-1    | GUARD, CHIP (REAR)          | 17      |
| 1   | 1   | 1   | -   | 318563-1    | GUARD, CHIP, FRONT          | 16      |
| 1   | 1   | 1   | -   | 1-690691-1  | PLATE, SHEAR (REAR)         | 15      |
| 1   | 1   | 1   | -   | 690462-1    | HOLDER, SHEAR (REAR)        | 14      |
| 1   | 1   | 1   | -   | 690463-1    | SHEAR, FLOAT (REAR)         | 13      |
| 2   | 2   | 2   | -   | 3-22280-3   | SPRING, SHEAR               | 12      |
| 2   | 2   | 2   | -   | 690461-1    | STOP, SHEAR                 | 11      |
| 1   | 1   | 1   | -   | 690459-1    | HOLDER, SHEAR (FRONT)       | 10      |
| 1   | 1   | 1   | -   | 454276-1    | SHEAR, FLOAT (FRONT)        | 9       |
| 1   | 1   | 1   | -   | 6-318711-4  | ANVIL                       | 8       |
| 1   | 1   | 1   | -   | 5-240641-1  | SPACER, DEPRESSOR (REAR)    | 7       |
| 1   | 1   | 1   | -   | 690468-7    | DEPRESSOR, SHEAR (REAR)     | 6       |
| 1   | 1   | 1   | -   | 2-455889-0  | DEPRESSOR, SHEAR (FRONT)    | 5       |
| 1   | 1   | 1   | -   | 238011-2    | SPACER, BLOCK CRIMPER       | 4       |
| 1   | 1   | 1   | -   | 9-1213077-4 | CRIMPER, INSULATION         | 3       |
| 1   | 1   | 1   | -   | 455888-6    | SPACER, CRIMPER             | 2       |
| 1   | 1   | 1   | -   | 456409-1    | CRIMPER, WIRE               | 1       |
| -3  | -2  | -1  | U/M | PART NO     | DESCRIPTION                 | ITEM NO |
|     |     |     |     | PARTS LIST  |                             |         |

|                          |            |                                                                                                                                    |                 |
|--------------------------|------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| DWN<br>B.HIGMAN          | 16NOV04    | MATERIAL<br>-                                                                                                                      | HEAT TREAT<br>- |
| CHK<br>-                 |            |                                                                                                                                    |                 |
| APVD<br>T.ELBIN          | 16NOV04    |  TE Connectivity<br>Harrisburg, PA 17105-3608 |                 |
| NAME<br>-                |            |                                                                                                                                    |                 |
| SIDE FEED HDM APPLICATOR |            |                                                                                                                                    |                 |
| SCALE<br>-               | SIZE<br>A1 | DRAWING NO<br>1385853                                                                                                              | SHEET<br>1 of 1 |
| REV<br>E                 |            |                                                                                                                                    |                 |

CUSTOMER ACCESSIBLE PRODUCTION DRAWING