

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

© COPYRIGHT

ALL RIGHTS RESERVED.

LOC

DIST


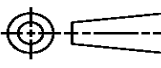
REVISIONS

| P | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|---|-----|---------------|-----------|-----|------|
|   | C2  | ECR-15-003322 | 28FEB2015 | GK  | HMR  |
|   |     |               |           |     |      |
|   |     |               |           |     |      |
|   |     |               |           |     |      |

REPLACED BY OCEAN STYLE APPLICATOR PART  
NUMBER 2151434-2

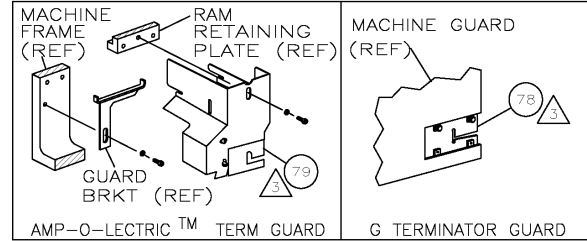
FOR REPLACEMENT PARTS FOR APPLICATOR 1852121  
REFER TO ADDITIONAL PAGE(S). SPARE PARTS KIT (IF LISTED)  
WILL REMAIN AVAILABLE.

THE REPLACEMENT OCEAN STYLE APPLICATOR HAS THE  
SAME TERMINATOR/PRESS INTERFACE AS APPLICATOR  
1852121

|   |  |                      |  |   |           |                          |               |
|---|--|----------------------|--|---|-----------|--------------------------|---------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.  |  | DWN GOPALAKRISHNA HV |  |  TE Connectivity |           |                          |               |
| DIMENSIONS:   |  | CHK RAGHAVENDRA      |  |   |           |                          |               |
|  |  | APVD RAGHAVENDRA     |  | NAME<br>SIDE FEED HDM APPLICATOR  |           |                          |               |
|   |  | PRODUCT SPEC         |  |   |           |                          |               |
|   |  | APPLICATION SPEC     |  |   |           |                          |               |
| MATERIAL  |  | WEIGHT               |  | SIZE<br>A3  | CAGE CODE | DRAWING NO<br>C- 1852121 | RESTRICTED TO |
| FINISH  |  | CUSTOMER DRAWING     |  | SCALE   |           | SHEET 1 OF 2             | REV C2        |

THIS DRAWING IS UNPUBLISHED.  
RELEASED FOR PUBLICATION  
BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

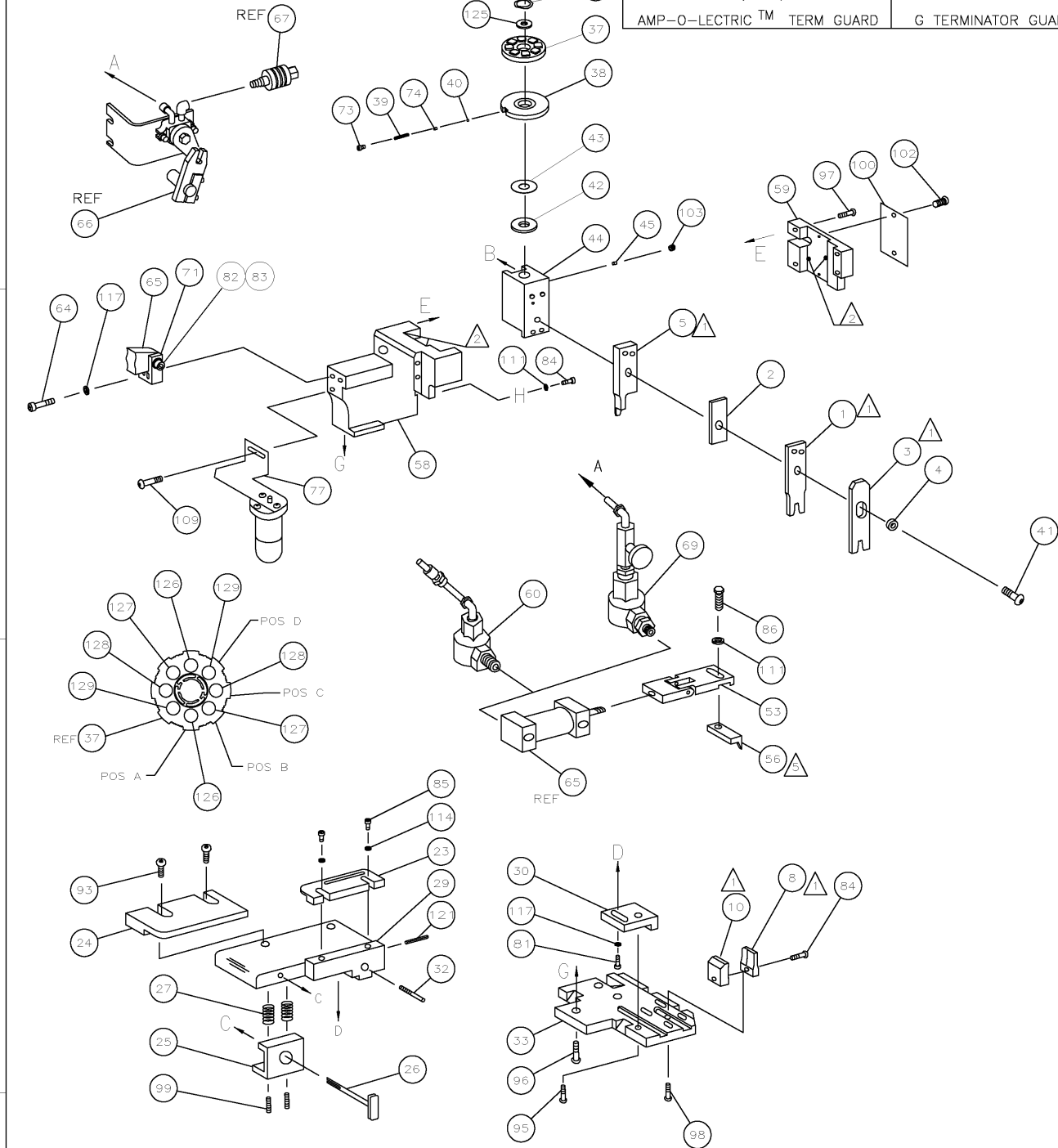
| PART NUMBER | REV | FIRST USED |
|-------------|-----|------------|
| 1852121-1   | C   | 122500-1   |
| 1852121-2   | C   | 565435-5   |
| 1852121-3   | C   | 354500-1   |



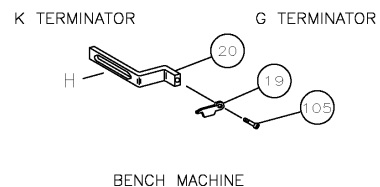
| TERMINAL NAME: MOLEX PIN |                | CRIMP DATA (NON-AMP TERMINAL-AMP SPEC) |                           |             |                    |
|--------------------------|----------------|--|---------------------------|-------------|--------------------|
| TE PN                    | MFG PN         | PAD LTR                                | CRIMP HEIGHT              | WIRE SIZE   |                    |
| 286698-1                 | 08-50-0113     | A                                      | .032 ±.001 [0.81 ±0.03mm] | 22          |                    |
| 286698-2                 | 08-55-0101     | B                                      | .030 ±.001 [0.76 ±0.03mm] | 24          |                    |
| 286698-3                 | 08-56-0109     | C                                      | .029 ±.001 [0.74 ±0.03mm] | 26          |                    |
| 286698-4                 | 08-52-0101     | D                                      | .028 ±.001 [0.71 ±0.03mm] | 28          |                    |
| 286698-5                 | 08-65-0815     |  |                           |             |                    |
| 286698-6                 | 08-65-0813     |  |                           |             |                    |
| 286698-7                 | 97-00-0444     |  |                           |             |                    |
| 286698-8                 | 08-55-0102     |  |                           |             |                    |
|                          |                | CRIMP                                  | SIZE                      | TYPE        | RANGE              |
|                          |                | WIRE                                   | .054 [1.37mm]             | F           | 28-22              |
|                          |                | INSUL                                  | .070 [1.78mm]             | F           | Ø.062 [1.57mm] MAX |
| WIRE STRIP LENGTH        | TERM APPL SPEC | FEED                                   | APPL INSTRUCTION          | SET UP GAGE | LAYOUT             |
| .100-.125                | NONE           | .200                                   | 408-8040                  | 458637-1    | L2502              |

| LOC |               | DIST |  | REV |  | DATE      |  | DWN |  | APVD |  |
|-----|---------------|------|--|-----|--|-----------|--|-----|--|------|--|
| A   | 66            |      |  |     |  |           |  |     |  |      |  |
| C1  | ECR-10-019802 |      |  |     |  | 26SEP2010 |  | RS  |  | SX   |  |

| REV | DESCRIPTION   | DATE | DWN | APVD |
|-----|---------------|------|-----|------|
| -1  | LEADMAKER     |      |     |      |
| -2  | BENCH MODEL K |      |     |      |
| -3  | BENCH MODEL G |      |     |      |



- 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 POSITION FEED FINGER BETWEEN WIRE BARREL AND CARRIER STRIP.



|                   |     |            |     |            |                                 |         |
|-------------------|-----|------------|-----|------------|---------------------------------|---------|
| 2                 | 2   | 2          | -   | 6-354779-4 | PIN, WIRE DISC (.3310)D         | 129     |
| 2                 | 2   | 2          | -   | 6-354779-2 | PIN, WIRE DISC (.3300)C         | 128     |
| 2                 | 2   | 2          | -   | 6-354779-2 | PIN, WIRE DISC (.3300)B         | 127     |
| 2                 | 2   | 2          | -   | 5-354779-9 | PIN, WIRE DISC (.3280)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     |
|                   |     |            |     |            |                                 | 120     |
|                   |     |            |     |            |                                 | 119     |
|                   |     |            |     |            |                                 | 118     |
| 3                 | 3   | 3          | -   | 21024-5    | WASHER, LOCK(#10)ADJ BLOCK      | 117     |
|                   |     |            |     |            |                                 | 116     |
|                   |     |            |     |            |                                 | 115     |
| 2                 | 2   | 2          | -   | 21024-2    | WASHER,LOCK(#4)FRONT STP GUIDE  | 114     |
|                   |     |            |     |            |                                 | 113     |
|                   |     |            |     |            |                                 | 112     |
| 2                 | 2   | 2          | -   | 21024-4    | WASHER,LOCK(#8)STRIPPER         | 111     |
|                   |     |            |     |            |                                 | 110     |
| -                 | 1   | -          | -   | 2-21002-6  | SCR,BHC(10-32x.38)LUBE ASSY     | 109     |
|                   |     |            |     |            |                                 | 108     |
|                   |     |            |     |            |                                 | 107     |
|                   |     |            |     |            |                                 | 106     |
| 1                 | 1   | 1          | -   | 1-21002-3  | SCR,SHC(4-40x.25)               | 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     |
|                   |     |            |     |            |                                 | 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      |
| 4                 | 4   | 4          | -   | 2-21002-9  | SCR,BHC(10-32x.75)              | 97      |
| 3                 | 3   | 3          | -   | 2-22733-8  | SCR, BHC (1/4-20x.62)           | 96      |
| 1                 | 1   | 1          | -   | 2-21002-7  | SCR,BHC(10-32x.50)              | 95      |
|                   |     |            |     |            |                                 | 94      |
| 2                 | 2   | 2          | -   | 2-21002-1  | SCR,BHC(8-32x.38)TERM H DWN     | 93      |
|                   |     |            |     |            |                                 | 92      |
|                   |     |            |     |            |                                 | 91      |
|                   |     |            |     |            |                                 | 90      |
|                   |     |            |     |            |                                 | 89      |
|                   |     |            |     |            |                                 | 88      |
|                   |     |            |     |            |                                 | 87      |
| 1                 | 1   | 1          | -   | 2-22603-0  | SCR,HEX HD(8-32x.31)FEED FINGER | 86      |
| 2                 | 2   | 2          | -   | 1-21000-4  | SCR,SHC(4-40x.38)F ST GUIDE     | 85      |
| 2                 | 2   | 2          | -   | 2-21000-7  | SCR,SHC(8-32x.50)STRIPPER       | 84      |
| 1                 | 1   | 1          | -   | 3-21001-4  | SCR,SHC(3/8-16x.88)             | 83      |
| 1                 | 1   | 1          | -   | 21024-8    | WASHER,LOCK(3/8)                | 82      |
| 1                 | 1   | 1          | -   | 3-21000-4  | SCR,SHC(10-32x.38)SG ADJ BL     | 81      |
|                   |     |            |     |            |                                 | 80      |
| -                 | REF | -          | -   | 455749-1   | GUARD, WINDOW                   | 79      |
| REF               | -   | -          | -   | 679532-1   | INSERT, GUARD                   | 78      |
| -                 | 1   | -          | -   | 1-465184-0 | LUBRICATOR ASSY                 | 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      |
|                   |     |            |     |            |                                 | 72      |
| 1                 | 1   | 1          | -   | 459610-6   | MOUNT, FEED BRACKET             | 71      |
| -3                | -2  | -1         | U/M | PART NO    | DESCRIPTION                     | ITEM NO |
| QTY REQD PER ASSY |     | PARTS LIST |     |            |                                 |         |

|   |    |     |    |     |             |                             |         |
|---|----|-----|----|-----|-------------|-----------------------------|---------|
| 4 | -  | 1   | -  | -   | 692655-5    | AIR FEED VALVE ASSY         | 70      |
|   | -  | REF | -  | -   | 24042-2     | VALVE, SHUT OFF             | 67      |
|   | -  | REF | -  | -   | 692655-6    | AIR FEED VALVE ASSY         | 66      |
| 4 | 1  | 1   | 1  | -   | 461065-1    | AIR FEED ASSY (1 INCH)      | 65      |
|   | 2  | 2   | 2  | -   | 4-21000-0   | SCR,SHC(10-32x1.25)AIR ASSY | 64      |
|   |    |     |    |     |             |                             | 63      |
|   |    |     |    |     |             |                             | 62      |
|   |    |     |    |     |             |                             | 61      |
| 4 | 1  | -   | 1  |     | 692655-7    | AIR FEED VALVE ASSY         | 60      |
|   | 1  | 1   | 1  | -   | 454220-1    | CAP, RAM                    | 59      |
|   | 1  | 1   | 1  | -   | 454485-1    | HOUSING                     | 58      |
|   |    |     |    |     |             |                             | 57      |
| 5 | 1  | 1   | 1  | -   | 3-694433-7  | PAWL, FEED                  | 56      |
|   |    |     |    |     |             |                             | 55      |
|   |    |     |    |     |             |                             | 54      |
| 4 | 1  | 1   | 1  | -   | 461062-1    | FEED FINGER ASSY            | 53      |
|   |    |     |    |     |             |                             | 52      |
|   |    |     |    |     |             |                             | 51      |
|   |    |     |    |     |             |                             | 50      |
|   |    |     |    |     |             |                             | 49      |
|   |    |     |    |     |             |                             | 48      |
|   |    |     |    |     |             |                             | 47      |
|   |    |     |    |     |             |                             | 46      |
|   | 1  | 1   | 1  | -   | 690191-1    | PLUG, NYLON                 | 45      |
|   | 1  | 1   | 1  | -   | 455673-8    | 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    | WIRE DISC, PLASTIC          | 37      |
|   | 1  | 1   | 1  | -   | 22480-5     | WASHER, SPRING              | 36      |
|   | 1  | 1   | 1  | -   | 690212-1    | POST, RAM                   | 35      |
|   |    |     |    |     |             |                             | 34      |
|   | 1  | 1   | 1  | -   | 455675-1    | PLATE, BASE                 | 33      |
|   | 1  | 1   | 1  | -   | 690432-3    | SCREW, ADJUSTMENT           | 32      |
|   |    |     |    |     |             |                             | 31      |
|   | 1  | 1   | 1  | -   | 455689-1    | BLOCK, STRIP GUIDE ADJ      | 30      |
|   | 1  | 1   | 1  | -   | 4-455671-1  | STRIP GUIDE PLATE           | 29      |
|   |    |     |    |     |             |                             | 28      |
|   | 2  | 2   | 2  | -   | 22281-6     | SPRING, DRAG                | 27      |
|   | 1  | 1   | 1  | -   | 690546-1    | LEVER, DRAG RELEASE         | 26      |
|   | 1  | 1   | 1  | -   | 1-690754-5  | DRAG, TERMINAL              | 25      |
|   | 1  | 1   | 1  | -   | 217817-2    | GUIDE, STRIP (REAR)         | 24      |
|   | 1  | 1   | 1  | -   | 2-690487-2  | GUIDE, STRIP (FRONT)        | 23      |
|   |    |     |    |     |             |                             | 22      |
|   |    |     |    |     |             |                             | 21      |
|   | 1  | 1   | 1  | -   | 458950-1    | BRACKET, WIRE STOP          | 20      |
|   | 1  | 1   | 1  | -   | 1424353-1   | STRIPPER                    | 19      |
|   |    |     |    |     |             |                             | 18      |
|   |    |     |    |     |             |                             | 17      |
|   |    |     |    |     |             |                             | 16      |
|   |    |     |    |     |             |                             | 15      |
|   |    |     |    |     |             |                             | 14      |
|   |    |     |    |     |             |                             | 13      |
|   |    |     |    |     |             |                             | 12      |
|   |    |     |    |     |             |                             | 11      |
|   | 1  | 1   | 1  | -   | 1-853714-2  | PLATE, REAR SHEAR           | 10      |
|   |    |     |    |     |             |                             | 9       |
| 1 | 1  | 1   | 1  | -   | 1424333-3   | ANVIL                       | 8       |
|   |    |     |    |     |             |                             | 7       |
|   |    |     |    |     |             |                             | 6       |
|   | 1  | 1   | 1  | -   | 853720-9    | BLADE, SHEAR                | 5       |
| 1 | 1  | 1   | 1  | -   | 3-238009-5  | SPACER, BLOCK CRIMPER       | 4       |
|   | 1  | 1   | 1  | -   | 2-683453-1  | CRIMPER, INSULATION         | 3       |
| 1 | 1  | 1   | 1  | -   | 455888-3    | SPACER, CRIMPER             | 2       |
|   | 1  | 1   | 1  | -   | 2-1633305-2 | CRIMPER, WIRE               | 1       |
|   | -3 | -2  | -1 | U/M | PART NO     | DESCRIPTION                 | ITEM NO |
|   |    |     |    |     | PARTS LIST  |                             |         |

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[1852121-2](#)