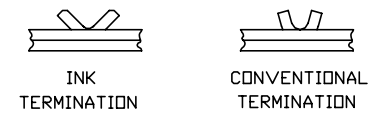
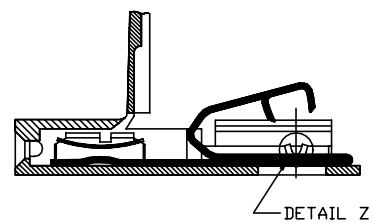
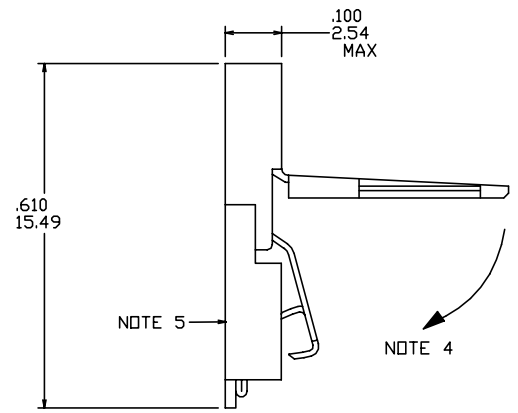
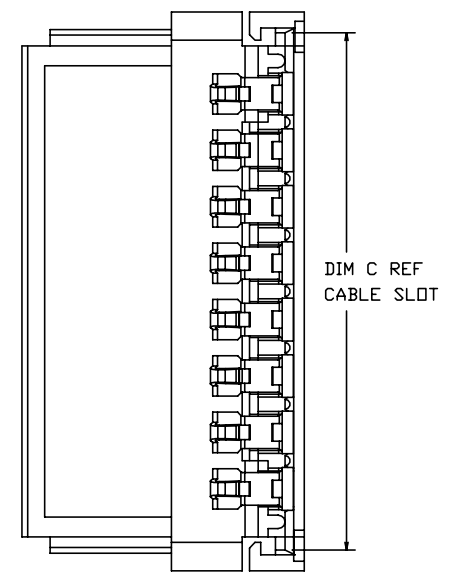
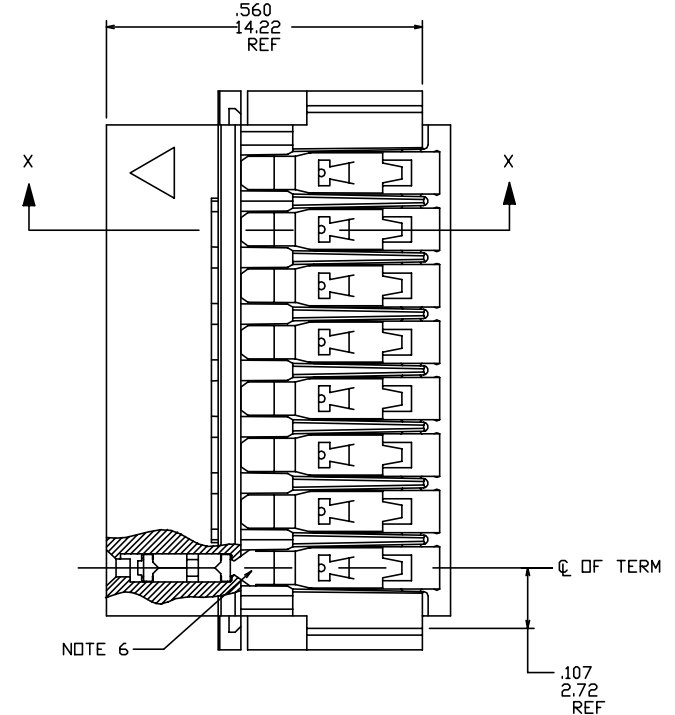
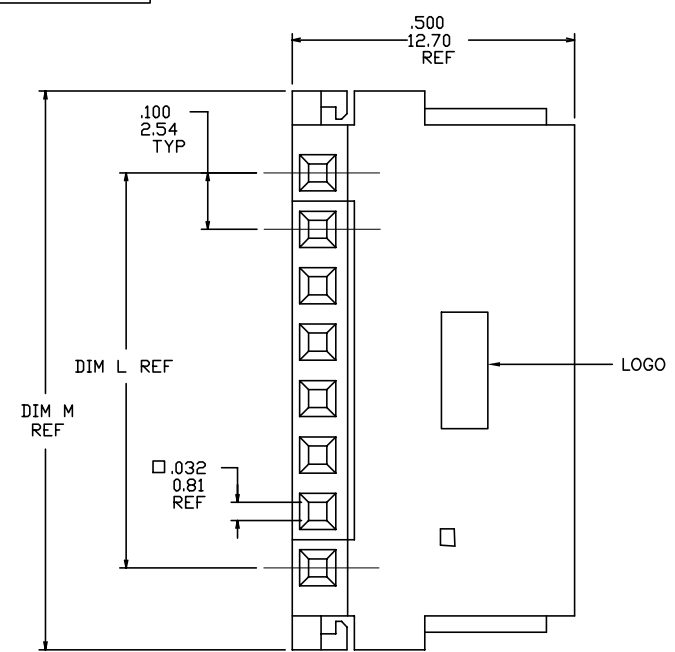


PRODUCT NUMBER  
SEE TABLE



SECTION X-X

DETAIL Z  
SCALE 6/1

|                   |              |     |          |                                       |             |                     |    |            |  |                               |   |
|-------------------|--------------|-----|----------|---------------------------------------|-------------|---------------------|----|------------|--|-------------------------------|---|
| mat'l. code       |              |     |          | surface                               |             | tolerance           |    | projection |  | product family                |   |
|                   |              |     |          | ISO 1302 ✓                            |             | ISO 406<br>ISO 1101 |    | INCH/MM    |  | CLINCHER                      |   |
| ltr ecn nodr date |              |     |          | tolerances unless otherwise specified |             |                     |    |            |  | title                         |   |
| AN                | ELX-N-010493 | ZK  | 06/03/12 | angles                                | linea       | .XX±.01/0.XX±0.3    |    | scale 3:1  |  | CLINCHER™ RECEPTACLE ASSEMBLY |   |
| AH                | V60509       | HTB | 3/5/96   | 0°±2°                                 |             | .XXX±.005/0.XX±0.13 |    |            |  | dwg no                        |   |
| AJ                | M05-0087     | MHT | 6/15/05  | dr                                    | T.BREWBAKER | 5/17/94             |    |            |  | sheet 1 of 7                  |   |
| AK                | M06-0233     | AGS | 6/12/06  | engr                                  | T. HANNA    | 5/17/94             |    |            |  | 65801                         |   |
| AL                | M07-0088     | MHT | 2/06/07  | chr                                   | J.MURPHY    | 5/17/94             |    |            |  | A3                            |   |
| AM                | M09-0062     | CMR | 4/09/09  | appd                                  | T. HANNA    | 5/17/94             |    |            |  | type Product Customer Drawing |   |
| sheet             | revisio      | AN  | AN       | AN                                    | AN          | AN                  | AN |            |  |                               |   |
| index             | sheet        | 1   | 2        | 3                                     | 4           | 5                   | 6  | 7          |  |                               | D |

## PLATING AVAILABLE

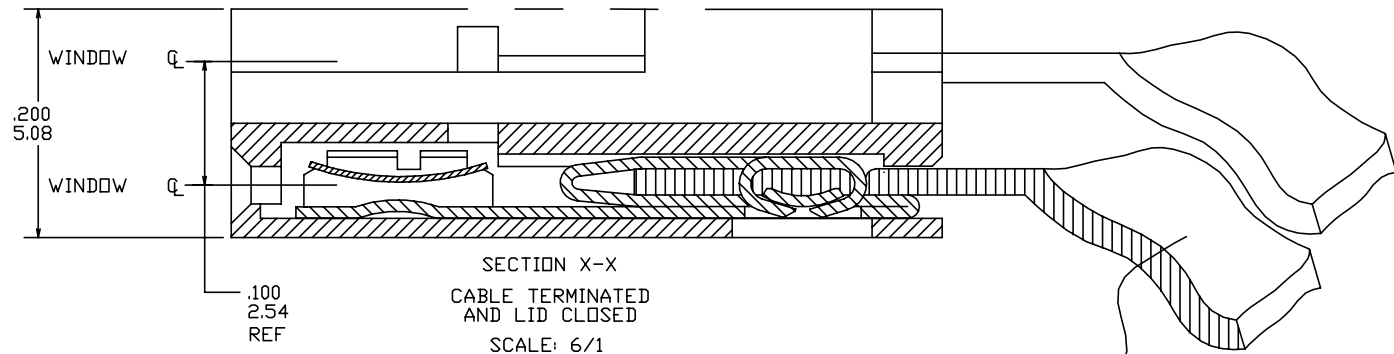
| PLATING CODE | TERMINAL                                              | SPRING                                         |
|--------------|-------------------------------------------------------|------------------------------------------------|
| 1            | 100u"/2.54u MIN. THICK PURE TIN                       | 10u"/.25u MIN. THICK PURE TIN                  |
| 2            | 30u"/.76u MIN. GOLD OR GXT STRIPE IN BOX AREA NOTE 12 | 3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKLE |

PRODUCT NUMBER

65801-XXXLF

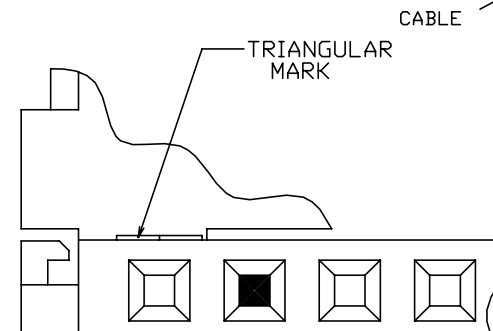
LEAD FREE OPTION  
NOTE 9,10NO OF POSITIONS  
AND PLATING

BASE PART NUMBER



## NOTES:

- MOLDING MAT'L: THERMOPLASTIC, FLAME RETARDANT PER UL 94V-0. COLOR: BLUE.
- TERMINAL MAT'L: 1/2 HARD CuNi ALLOY, UNS-C72500. PLATING: SEE TABULATION AND PLATING TABLE.
- SPRING MAT'L: 1/2 HARD BeCu ALLOY, UNS-C17200. PLATING: SEE TABULATION AND PLATING TABLE.
- LATCH SWINGS CLOSED AFTER TERMINATION MAINTAINING A MAX OVER ALL HEIGHT OF .100/2.54
- LABEL IN THIS AREA P/N AND DATE LOT CODE (WEEK AND YEAR) ON DASH No.-067 AND -167 ONLY.
- KNURL MARK INDICATES FOR USE WITH INK TERMINATION. CONSULT WITH BERG ELECTRONICS TECHNICAL REPRESENTATIVE FOR SPECIFIC APPLICATIONS.
- POSITION NUMBERS INITIATE FROM TRIANGULAR MARK ON HOUSING. SEE TABULATION FOR POSITION No CLOSED AND TERMINAL No ABSENT. FIG A SHOWS POSITION No 2 CLOSED.
- AN EIGHT DIGIT PART NUMBER FOLLOWED BY A "J" INDICATES INVENTORY FOR JAPAN ONLY.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS
- PLATING OPTIONS:  
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

FIG A  
NOTE 7

|                   |                                       |                                  |                       |                                        |
|-------------------|---------------------------------------|----------------------------------|-----------------------|----------------------------------------|
| mat'l. code       | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM | product family<br>CLINCHER             |
| ltr ecn nodr date | tolerances unless otherwise specified | angles<br>linea<br>0°±2'         | scale 3:1             | title<br>CLINCHER™ RECEPTACLE ASSEMBLY |
| AN                | dr T.BREWBAKER 5/17/94                | engr T. HANNA 5/17/94            | chr J.MURPHY 5/17/94  | appd T. HANNA 5/17/94                  |
| sheet index       | revision sheet                        |                                  |                       |                                        |







C

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Copyright FCI

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| PRODUCT NO.<br>NOTE 9 | NO. OF<br>POSITIONS | DIM. L  | DIM. L | DIM. M  | DIM. M | DIM. C  | DIM. C | PLATING | TERMINATION  | CLOSED POS. | TERMINAL ABSENT |
|-----------------------|---------------------|---------|--------|---------|--------|---------|--------|---------|--------------|-------------|-----------------|
|                       |                     | ENGLISH | METRIC | ENGLISH | METRIC | ENGLISH | METRIC | CODE    | NOTE 6       | NOTE 7      | NOTE 7          |
| 65801-201             | 16                  | 1.500   | 38.10  | 1.790   | 45.47  | 1.715   | 43.56  | 1       | CONVENTIONAL | 4           | 4.5.6           |
| 65801-202             | 5                   | 0.400   | 10.16  | 0.690   | 17.53  | 0.615   | 15.62  | 2       | CONVENTIONAL | 3           | 3               |
| 65801-203             | 7                   | 0.600   | 15.24  | 0.890   | 22.61  | 0.815   | 20.70  | 2       | CONVENTIONAL | 6           | 1.2.6.7         |
| 65801-204             | 10                  | 0.900   | 22.86  | 1.190   | 30.23  | 1.115   | 28.32  | 1       | CONVENTIONAL | 4           | 4               |
| 65801-205             | 6                   | 0.500   | 12.70  | 0.790   | 20.07  | 0.715   | 18.16  | 1       | CONVENTIONAL | 5           | 5               |
| 65801-206             | 5                   | 0.400   | 10.16  | 0.690   | 17.53  | 0.615   | 15.62  | 1       | CONVENTIONAL | 4           | 4               |
| 65801-207             | 7                   | 0.600   | 15.24  | 0.890   | 22.61  | 0.815   | 20.70  | 2       | CONVENTIONAL | N/A         | 1.2.6.7         |
| 65801-208             | 4                   | 0.300   | 7.62   | 0.590   | 14.99  | 0.515   | 13.08  | 1       | CONVENTIONAL | N/A         | 2.3             |
| 65801-209             | 3                   | 0.200   | 5.08   | 0.490   | 12.45  | 0.415   | 10.54  | 1       | CONVENTIONAL | N/A         | 2               |

|                   |  |                                       |  |                                        |  |                |  |                            |  |
|-------------------|--|---------------------------------------|--|----------------------------------------|--|----------------|--|----------------------------|--|
| mat'l. code       |  | surface<br>ISO 1302 ✓                 |  | tolerance<br>ISO 406<br>ISO 1101       |  | projection<br> |  | product family<br>CLINCHER |  |
| ltr ecn nodr date |  | tolerances unless otherwise specified |  | title<br>CLINCHER™ RECEPTACLE ASSEMBLY |  | INCH/MM        |  | dwg no sheet 7 of 7 size   |  |
| AN                |  | angles                                |  | linea                                  |  | scale 3:1      |  | 65801 A3                   |  |
|                   |  | 0°±2°                                 |  |                                        |  |                |  |                            |  |
|                   |  | dr                                    |  | T.BREWBAKER 5/17/94                    |  | FCI            |  |                            |  |
|                   |  | engr                                  |  | T. HANNA 5/17/94                       |  |                |  |                            |  |
|                   |  | chr                                   |  | J.MURPHY 5/17/94                       |  |                |  |                            |  |
|                   |  | appd                                  |  | T. HANNA 5/17/94                       |  |                |  |                            |  |
| sheet index       |  | revision sheet                        |  |                                        |  |                |  |                            |  |