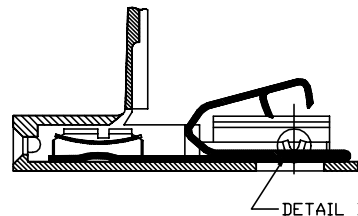
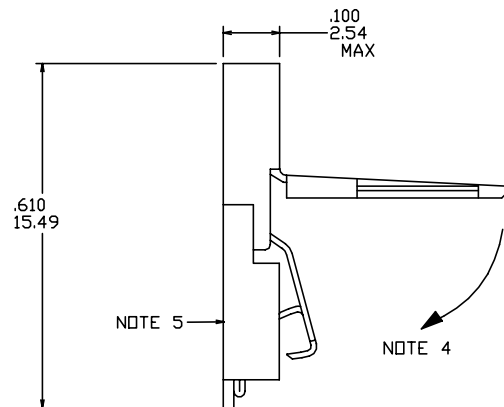
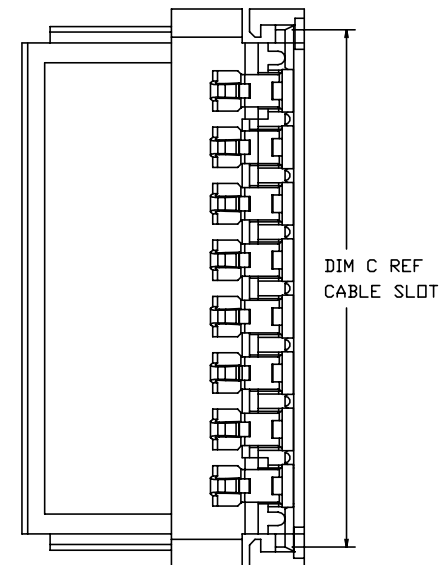
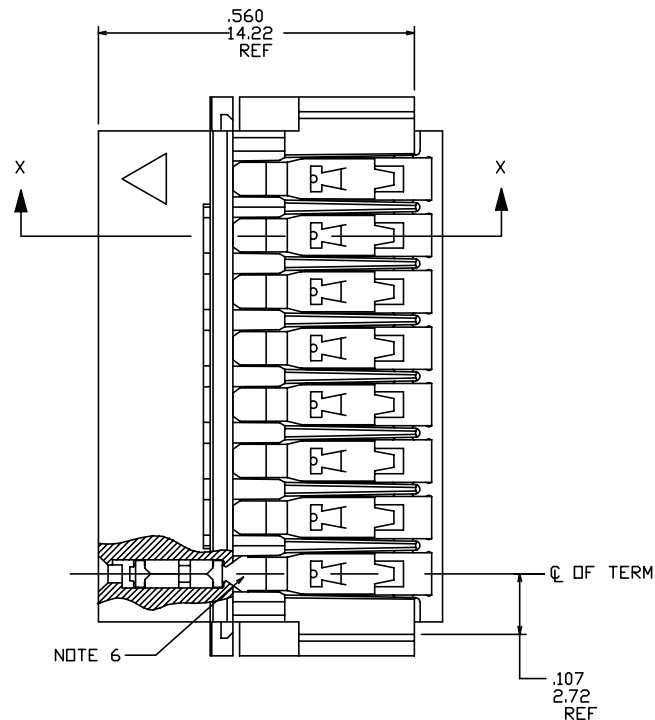
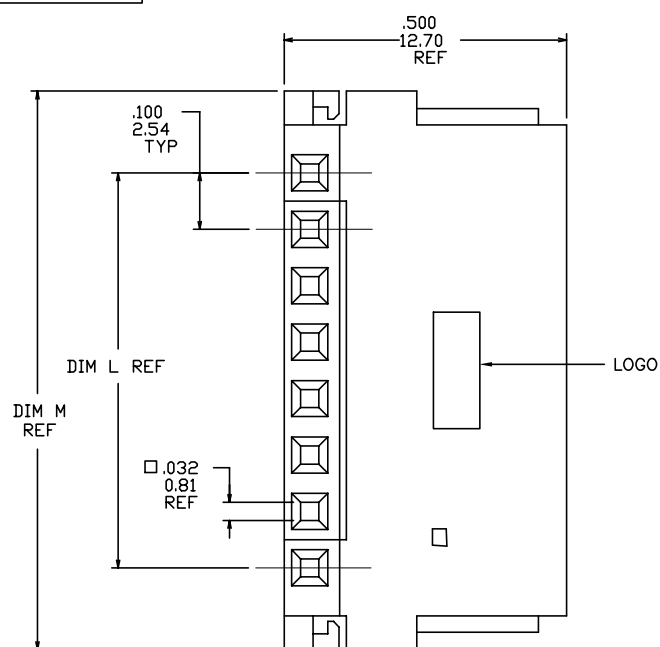


PRODUCT NUMBER  
SEE TABLE



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                      |  |
| l           | tr           | ec         | n        | o                   | d           | r          |    | title                         |  |
| AN          | ELX-N-010493 | ZK         | 06/03/12 | angles              | linea       |            |    | CLINCHER™ RECEPTACLE ASSEMBLY |  |
| AH          | V60509       | HTB        | 3/5/96   | 0°±2°               |             |            |    | 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  |                               |  |

# 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 |

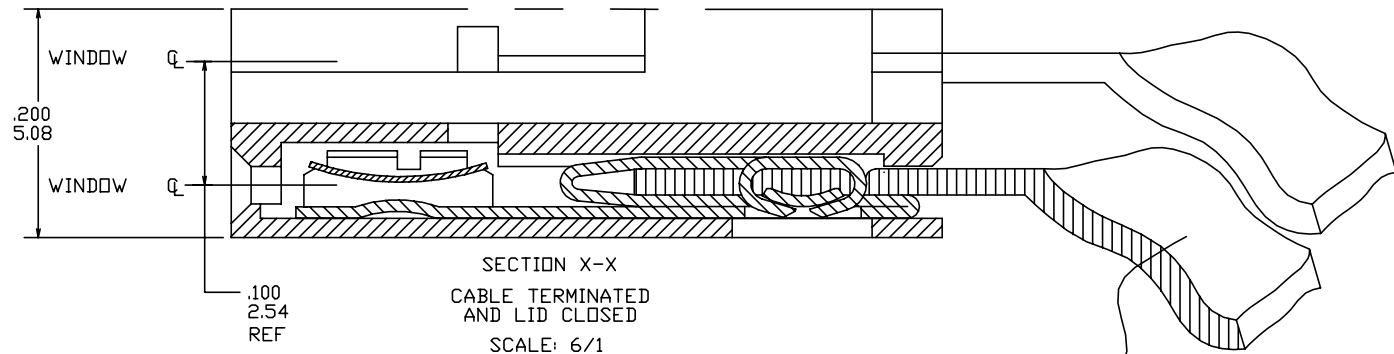
PRODUCT NUMBER

65801-XXXLF

LEAD FREE OPTION  
NOTE 9,10

NO 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.

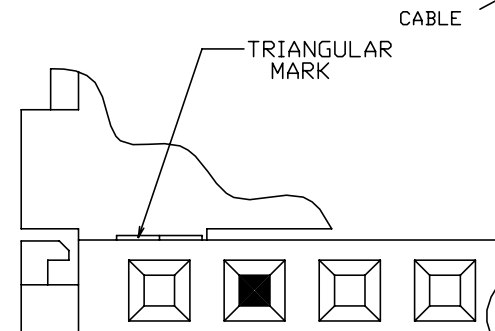


FIG A  
NOTE 7

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







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| PRODUCT NO.<br>NOTE 9 | NO. OF    | DIM. L  | DIM. L | DIM. M              | DIM. M | DIM. C  | DIM. C | PLATING | TERMINATION | NOTES  |
|-----------------------|-----------|---------|--------|---------------------|--------|---------|--------|---------|-------------|--------|
|                       | POSITIONS | ENGLISH | METRIC | ENGLISH             | METRIC | ENGLISH | METRIC | CODE    | NOTE 6      |        |
| 65801-133             | 4         | 0.300   | 7.62   | 0.590               | 14.99  | 0.515   | 13.08  | 2       | INK         | -      |
| 65801-134             | 5         | 0.400   | 10.16  | 0.690               | 17.53  | 0.615   | 15.62  | 2       | INK         | -      |
| 65801-135             | 6         | 0.500   | 12.70  | 0.790               | 20.07  | 0.715   | 18.16  | 2       | INK         | -      |
| 65801-136             | 7         | 0.600   | 15.24  | 0.890               | 22.61  | 0.815   | 20.70  | 2       | INK         | -      |
| 65801-137             | 8         | 0.700   | 17.78  | 0.990               | 25.15  | 0.915   | 23.24  | 2       | INK         | -      |
| 65801-138             | 9         | 0.800   | 20.32  | 1.090               | 27.69  | 1.015   | 25.78  | 2       | INK         | -      |
| 65801-139             | 10        | 0.900   | 22.86  | 1.190               | 30.23  | 1.115   | 28.32  | 2       | INK         | -      |
| 65801-140             | 11        | 1.000   | 25.40  | 1.290               | 32.77  | 1.215   | 30.86  | 2       | INK         | -      |
| 65801-141             | 12        | 1.100   | 27.94  | 1.390               | 35.31  | 1.315   | 33.40  | 2       | INK         | -      |
| 65801-142             | 13        | 1.200   | 30.48  | 1.490               | 37.85  | 1.415   | 35.94  | 2       | INK         | -      |
| 65801-143             | 14        | 1.300   | 33.02  | 1.590               | 40.39  | 1.515   | 38.48  | 2       | INK         | -      |
| 65801-144             | 15        | 1.400   | 35.56  | 1.690               | 42.93  | 1.615   | 41.02  | 2       | INK         | -      |
| 65801-145             | 16        | 1.500   | 38.10  | 1.790               | 45.47  | 1.715   | 43.56  | 2       | INK         | -      |
| 65801-146             | 17        | 1.600   | 40.64  | 1.890               | 48.01  | 1.815   | 46.10  | 2       | INK         | -      |
| 65801-147             | 18        | 1.700   | 43.18  | 1.990               | 50.55  | 1.915   | 48.64  | 2       | INK         | -      |
| 65801-148             | 19        | 1.800   | 45.72  | 2.090               | 53.09  | 2.015   | 51.18  | 2       | INK         | -      |
| 65801-149             | 20        | 1.900   | 48.26  | 2.190               | 55.63  | 2.115   | 53.72  | 2       | INK         | -      |
| 65801-150             | 21        | 2.000   | 50.80  | 2.290               | 58.17  | 2.215   | 56.26  | 2       | INK         | -      |
| 65801-151             | 22        | 2.100   | 53.34  | 2.390               | 60.71  | 2.315   | 58.80  | 2       | INK         | -      |
| 65801-152             | 23        | 2.200   | 55.88  | 2.490               | 63.25  | 2.415   | 61.34  | 2       | INK         | -      |
| 65801-153             | 24        | 2.300   | 58.42  | 2.590               | 65.79  | 2.515   | 63.88  | 2       | INK         | -      |
| 65801-154             | 25        | 2.400   | 60.96  | 2.690               | 68.33  | 2.615   | 66.42  | 2       | INK         | -      |
| 65801-155             | 26        | 2.500   | 63.50  | 2.790               | 70.87  | 2.715   | 68.96  | 2       | INK         | -      |
| 65801-156             | 27        | 2.600   | 66.04  | 2.890               | 73.41  | 2.815   | 71.50  | 2       | INK         | -      |
| 65801-157             | 28        | 2.700   | 68.58  | 2.990               | 75.95  | 2.915   | 74.04  | 2       | INK         | -      |
| 65801-158             | 29        | 2.800   | 71.12  | 3.090               | 78.49  | 3.015   | 76.58  | 2       | INK         | -      |
| 65801-159             | 30        | 2.900   | 73.66  | 3.190               | 81.03  | 3.115   | 79.12  | 2       | INK         | -      |
| 65801-160             | 31        | 3.000   | 76.20  | 3.290               | 83.57  | 3.215   | 81.66  | 2       | INK         | -      |
| 65801-161             | 32        | 3.100   | 78.74  | 3.390               | 86.11  | 3.315   | 84.20  | 2       | INK         | -      |
| 65801-162             | 3         | 0.200   | 5.08   | 0.490               | 12.45  | 0.415   | 10.54  | 2       | INK         | -      |
| 65801-163             | 2         | 0.100   | 2.54   | 0.390               | 9.91   | 0.315   | 8.00   | 2       | INK         | -      |
| 65801-164             |           |         |        | U N A S S I G N E D |        |         |        |         |             |        |
| 65801-165             |           |         |        | U N A S S I G N E D |        |         |        |         |             |        |
| 65801-166             | 34        | 3.300   | 83.82  | 3.590               | 91.19  | 3.515   | 89.28  | 2       | INK         | -      |
| 65801-167             | 12        | 1.100   | 27.94  | 1.390               | 35.31  | 1.315   | 33.40  | 2       | INK         | NOTE 5 |

mat'l. code

surface  
ISO 1302 ✓

tolerance  
ISO 406  
ISO 1101

projection  
INCH/MM

product family  
CLINCHER

title  
CLINCHER™ RECEPTACLE ASSEMBLY

dwg no  
65801

sheet 6 of 7

size  
A3

type  
Product Customer Drawing

revision  
sheet

date

angles  
0°±2'

linear  
XXX.XX/XXX.XX  
XXX.XX/XXX.XX  
XXX.XX/XXX.XX

dr  
T.BREWBAKER 5/17/94

enr  
T. HANNA 5/17/94

chr  
J.MURPHY 5/17/94

app  
T. HANNA 5/17/94

sheet index

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Form: A3

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PDS: Rev :AN

STATUS: Released

Printed: Mar 07, 2012



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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    |  |
| l'techn     |  | nodr                  |  | date                             |  | tolerances unless otherwise specified |  | title                         |  |
| AN          |  |                       |  |                                  |  | angles<br>linea                       |  | INCH/MM                       |  |
|             |  |                       |  |                                  |  | 0°±2°                                 |  | scale 3:1                     |  |
|             |  |                       |  |                                  |  | dr T.BREWBAKER 5/17/94                |  | dwg no sheet7 of 7 size       |  |
|             |  |                       |  |                                  |  | engr T. HANNA 5/17/94                 |  | 65801 A3                      |  |
|             |  |                       |  |                                  |  | chr J.MURPHY 5/17/94                  |  | type Product Customer Drawing |  |
|             |  |                       |  |                                  |  | appd T. HANNA 5/17/94                 |  |                               |  |
| sheet index |  | revision sheet        |  |                                  |  |                                       |  |                               |  |