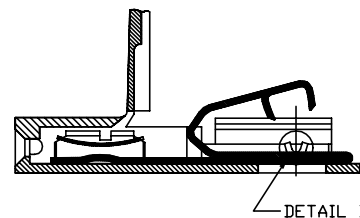
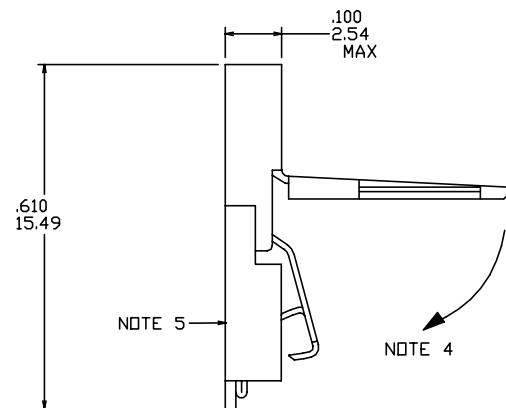
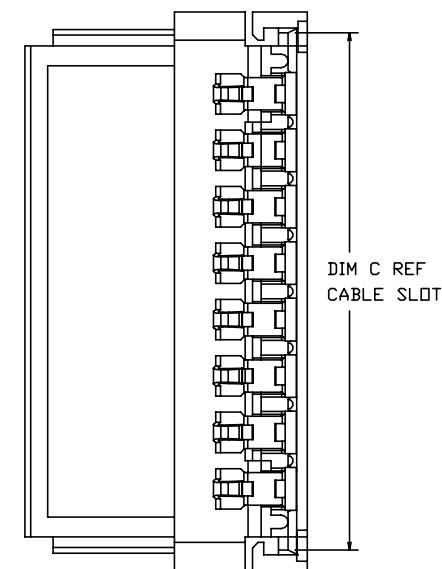
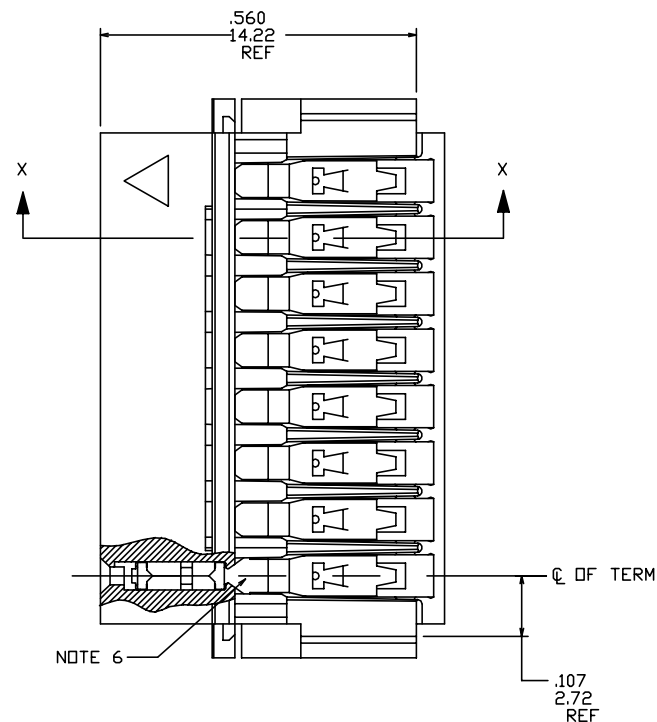
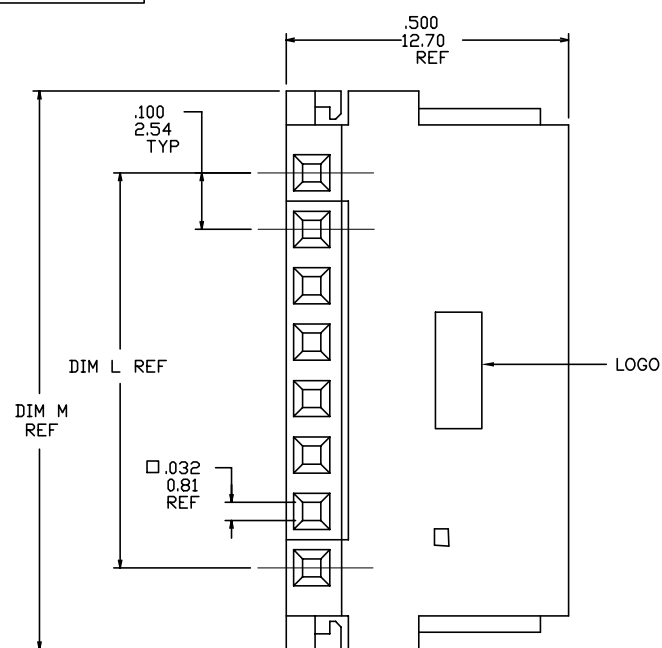


PRODUCT NUMBER  
SEE TABLE



SECTION X-X



DETAIL Z  
SCALE 6/1

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

# 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 |

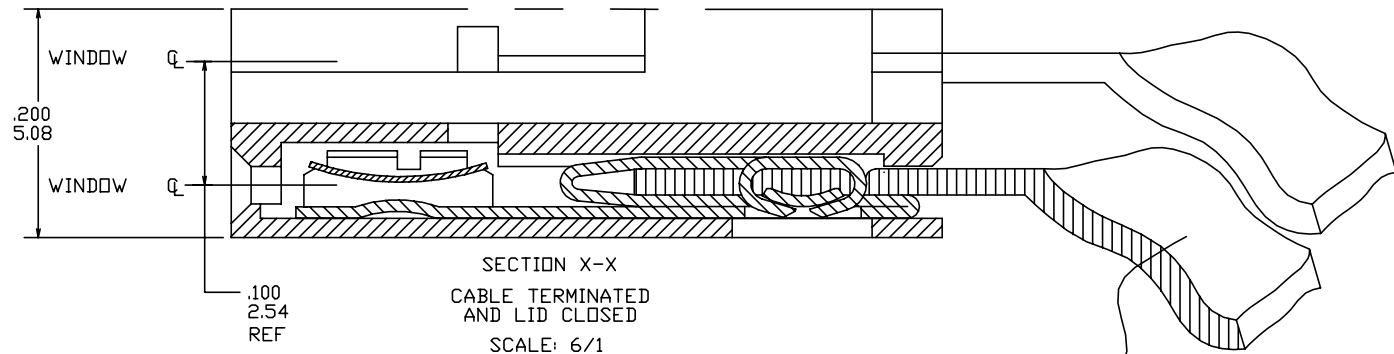
PRODUCT NUMBER

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.

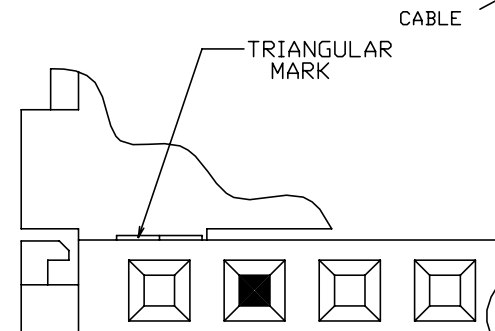


FIG A  
NOTE 7

|                   |                                       |                                  |                       |                                        |
|-------------------|---------------------------------------|----------------------------------|-----------------------|----------------------------------------|
| mat'l. code       | surface<br>ISO 1302 ✓                 | tolerance<br>ISO 406<br>ISO 1101 | projection<br>INCH/MM | product family<br>CLINCHER             |
| ltr ecn nodr date | tolerances unless otherwise specified | angles<br>linea<br>0°±2'         | scale 3:1             | title<br>CLINCHER™ 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                        |                                  |                       |                                        |

1

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6

PRODUCT NO.  
NOTE 9

NO. OF  
POSITIONS

DIM. L  
ENGLISH

DIM. L  
METRIC

DIM. M  
ENGLISH

DIM. M  
METRIC

DIM. C  
ENGLISH

DIM. C  
METRIC

PLATING  
CODE

TERMINATION  
NOTE 6

NOTES

65801-001

U N A S S I G N E D

65801-002

2

0.100

2.54

0.390

9.91

0.315

8.00

1

CONVENTIONAL

-

65801-003

3

0.200

5.08

0.490

12.45

0.415

10.54

1

CONVENTIONAL

-

65801-004

4

0.300

7.62

0.590

14.99

0.515

13.08

1

CONVENTIONAL

-

65801-005

5

0.400

10.16

0.690

17.53

0.615

15.62

1

CONVENTIONAL

-

65801-006

6

0.500

12.70

0.790

20.07

0.715

18.16

1

CONVENTIONAL

-

65801-007

7

0.600

15.24

0.890

22.61

0.815

20.70

1

CONVENTIONAL

-

65801-008

8

0.700

17.78

0.990

25.15

0.915

23.24

1

CONVENTIONAL

-

65801-009

9

0.800

20.32

1.090

27.69

1.015

25.78

1

CONVENTIONAL

-

65801-010

10

0.900

22.86

1.190

30.23

1.115

28.32

1

CONVENTIONAL

-

65801-011

11

1.000

25.40

1.290

32.77

1.215

30.86

1

CONVENTIONAL

-

65801-012

12

1.100

27.94

1.390

35.31

1.315

33.40

1

CONVENTIONAL

-

65801-013

13

1.200

30.48

1.490

37.85

1.415

35.94

1

CONVENTIONAL

-

65801-014

14

1.300

33.02

1.590

40.39

1.515

38.48

1

CONVENTIONAL

-

65801-015

15

1.400

35.56

1.690

42.93

1.615

41.02

1

CONVENTIONAL

-

65801-016

16

1.500

38.10

1.790

45.47

1.715

43.56

1

CONVENTIONAL

-

65801-017

17

1.600

40.64

1.890

48.01

1.815

46.10

1

CONVENTIONAL

NOTE 8

65801-018

18

1.700

43.18

1.990

50.55

1.915

48.64

1

CONVENTIONAL

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65801-019

19

1.800

45.72

2.090

53.09

2.015

51.18

1

CONVENTIONAL

-

65801-020

20

1.900

48.26

2.190

55.63

2.115

53.72

1

CONVENTIONAL

-

65801-021

21

2.000

50.80

2.290

58.17

2.215

56.26

1

CONVENTIONAL

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65801-022

22

2.100

53.34

2.390

60.71

2.315

58.80

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CONVENTIONAL

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65801-023

23

2.200

55.88

2.490

63.25

2.415

61.34

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CONVENTIONAL

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65801-024

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2.300

58.42

2.590

65.79

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63.88

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CONVENTIONAL

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65801-025

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2.400

60.96

2.690

68.33

2.615

66.42

1

CONVENTIONAL

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65801-026

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2.500

63.50

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70.87

2.715

68.96

1

CONVENTIONAL

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65801-027

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2.600

66.04

2.890

73.41

2.815

71.50

1

CONVENTIONAL

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65801-028

28

2.700

68.58

2.990

75.95

2.915

74.04

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CONVENTIONAL

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65801-029

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CONVENTIONAL

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65801-030

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65801-031

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CONVENTIONAL

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65801-032

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84.20

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CONVENTIONAL

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mat'l. code

surface  
ISO 1302 ✓

tolerance  
ISO 406  
ISO 1101

projection  
INCH/MM

product family  
CLINCHER

ltr ecn nodr date

tolerances unless otherwise specified

title  
CLINCHER™ RECEPTACLE ASSEMBLY

AN

angles

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dr T.BREWBAKER 5/17/94

engr T. HANNA 5/17/94

chr J.MURPHY 5/17/94

appd T. HANNA 5/17/94

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size A3

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FCI

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sheet index

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size

type

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12









Copyright FCI

D

A

B

C

D

A

B

C

| 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                       |  |                |  | type Product Customer Drawing |  |
| sheet index       |  | revision sheet                        |  |                                        |  |                |  |                               |  |