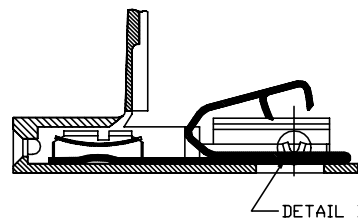
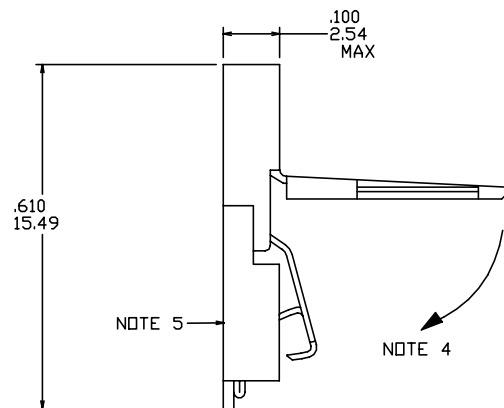
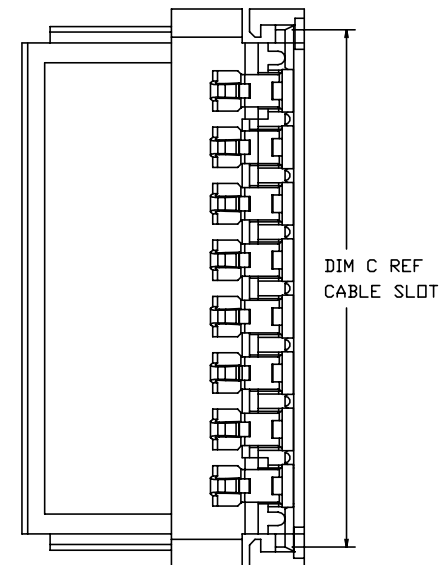
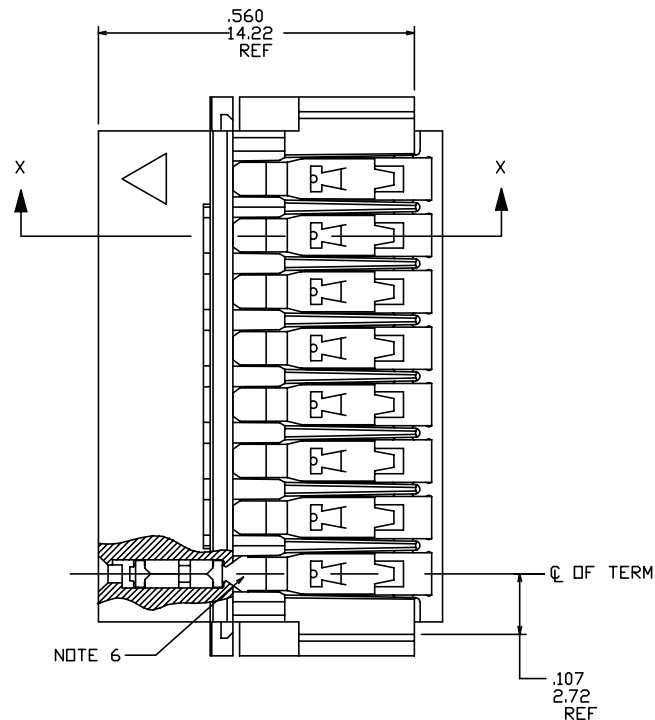
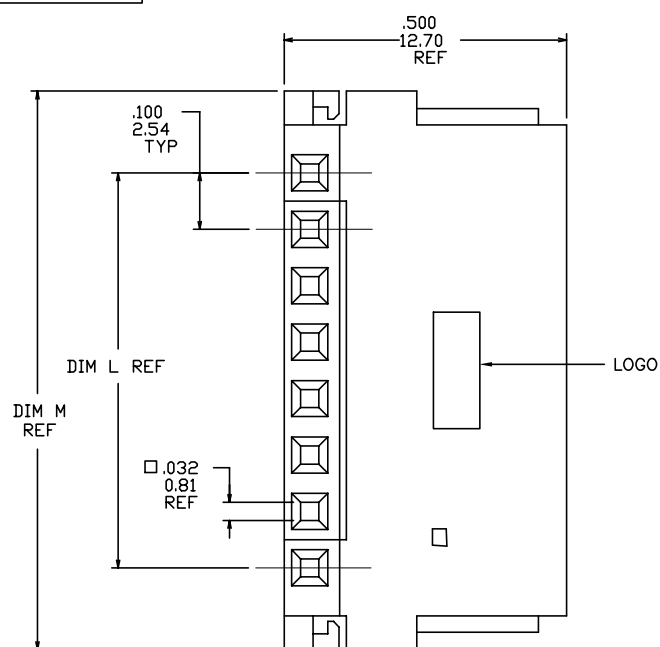


PRODUCT NUMBER
SEE TABLE



SECTION X-X



DETAIL Z
SCALE 6/1

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

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

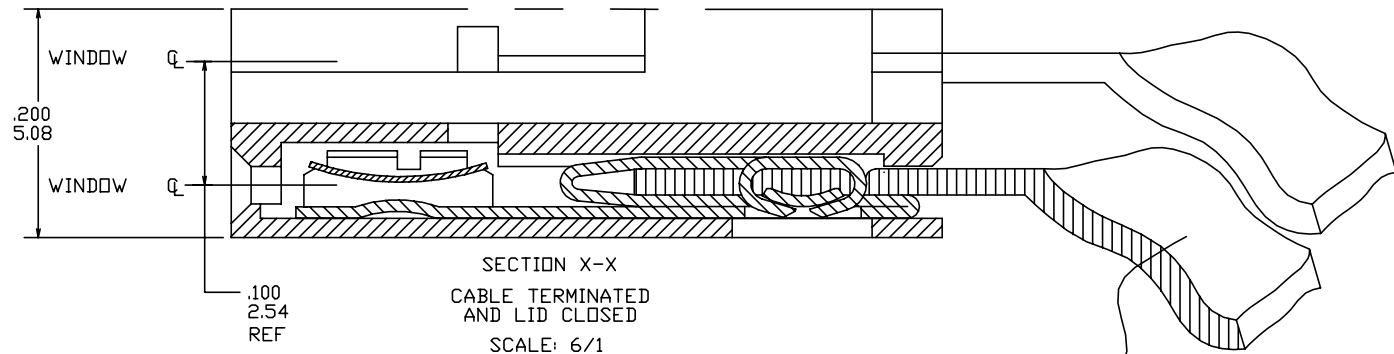
PRODUCT NUMBER

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.

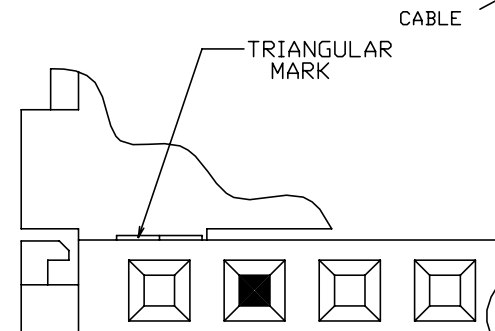


FIG A
NOTE 7

mat'l. code	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CLINGER
ltr ecn nodr date	tolerances unless otherwise specified	angles linea 0°±2'	scale 3:1	title CLINGER™ RECEPTACLE ASSEMBLY
AN				dwg no 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

2

3

4

5

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

-

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

-

65801-022

22

2.100

53.34

2.390

60.71

2.315

58.80

1

CONVENTIONAL

-

65801-023

23

2.200

55.88

2.490

63.25

2.415

61.34

1

CONVENTIONAL

-

65801-024

24

2.300

58.42

2.590

65.79

2.515

63.88

1

CONVENTIONAL

-

65801-025

25

2.400

60.96

2.690

68.33

2.615

66.42

1

CONVENTIONAL

-

65801-026

26

2.500

63.50

2.790

70.87

2.715

68.96

1

CONVENTIONAL

-

65801-027

27

2.600

66.04

2.890

73.41

2.815

71.50

1

CONVENTIONAL

-

65801-028

28

2.700

68.58

2.990

75.95

2.915

74.04

1

CONVENTIONAL

-

65801-029

29

2.800

71.12

3.090

78.49

3.015

76.58

1

CONVENTIONAL

-

65801-030

30

2.900

73.66

3.190

81.03

3.115

79.12

1

CONVENTIONAL

-

65801-031

31

3.000

76.20

3.290

83.57

3.215

81.66

1

CONVENTIONAL

-

65801-032

32

3.100

78.74

3.390

86.11

3.315

84.20

1

CONVENTIONAL

-

mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection
INCH/MM
scale 3:1

product family
CLINCHER

ltr ecn nodr date

tolerances unless otherwise specified

title
CLINCHER™ RECEPTACLE ASSEMBLY

AN

angles

linear

0°±2'

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

dwg no 65801

sheet 3 of 7

size A3

type Product Customer Drawing

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Form: A3

1

2

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10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

PDS: Rev :AN

STATUS: Released

Printed: Mar 07, 2012

1

2

3

4

5

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

65801-102

2

0.100

2.54

0.390

9.91

0.315

8.00

1

INK

-

65801-103

3

0.200

5.08

0.490

12.45

0.415

10.54

1

INK

-

65801-104

4

0.300

7.62

0.590

14.99

0.515

13.08

1

INK

-

65801-105

5

0.400

10.16

0.690

17.53

0.615

15.62

1

INK

-

65801-106

6

0.500

12.70

0.790

20.07

0.715

18.16

1

INK

-

65801-107

7

0.600

15.24

0.890

22.61

0.815

20.70

1

INK

-

65801-108

8

0.700

17.78

0.990

25.15

0.915

23.24

1

INK

-

65801-109

9

0.800

20.32

1.090

27.69

1.015

25.78

1

INK

-

65801-110

10

0.900

22.86

1.190

30.23

1.115

28.32

1

INK

-

65801-111

11

1.000

25.40

1.290

32.77

1.215

30.86

1

INK

-

65801-112

12

1.100

27.94

1.390

35.31

1.315

33.40

1

INK

-

65801-113

13

1.200

30.48

1.490

37.85

1.415

35.94

1

INK

-

65801-114

14

1.300

33.02

1.590

40.39

1.515

38.48

1

INK

-

65801-115

15

1.400

35.56

1.690

42.93

1.615

41.02

1

INK

-

65801-116

16

1.500

38.10

1.790

45.47

1.715

43.56

1

INK

-

65801-117

17

1.600

40.64

1.890

48.01

1.815

46.10

1

INK

-

65801-118

18

1.700

43.18

1.990

50.55

1.915

48.64

1

INK

-

65801-119

19

1.800

45.72

2.090

53.09

2.015

51.18

1

INK

-

65801-120

20

1.900

48.26

2.190

55.63

2.115

53.72

1

INK

-

65801-121

21

2.000

50.80

2.290

58.17

2.215

56.26

1

INK

-

65801-122

22

2.100

53.34

2.390

60.71

2.315

58.80

1

INK

-

65801-123

23

2.200

55.88

2.490

63.25

2.415

61.34

1

INK

-

65801-124

24

2.300

58.42

2.590

65.79

2.515

63.88

1

INK

-

65801-125

25

2.400

60.96

2.690

68.33

2.615

66.42

1

INK

-

65801-126

26

2.500

63.50

2.790

70.87

2.715

68.96

1

INK

-

65801-127

27

2.600

66.04

2.890

73.41

2.815

71.50

1

INK

-

65801-128

28

2.700

68.58

2.990

75.95

2.915

74.04

1

INK

-

65801-129

29

2.800

71.12

3.090

78.49

3.015

76.58

1

INK

-

65801-130

30

2.900

73.66

3.190

81.03

3.115

79.12

1

INK

-

65801-131

31

3.000

76.20

3.290

83.57

3.215

81.66

1

INK

-

65801-132

32

3.100

78.74

3.390

86.11

3.315

84.20

1

INK

-

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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

linear

0°±2°

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

dwg no 65801

sheet 5 of 7

size A3

type Product Customer Drawing

scale 3:1

FCI

PDS: Rev :AN

STATUS: Released

Printed: Mar 07, 2012

1				2				3				4				5				6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
PRODUCT NO. NOTE 9	NO. OF	DIM. L	DIM. L	DIM. M	DIM. M	DIM. C	DIM. C	PLATING	TERMINATION	NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302 ✓		ISO 406 ISO 1101				CLINCHER			
ltr		ecn		nodr		date		tolerances unless otherwise specified		title			
AN								angles		CLINCHER™ RECEPTACLE ASSEMBLY			
								linear		INCH/MM			
								0° ± 2°		scale 3:1			
								dr		dwg no			
								engr		sheet 6 of 7			
								chr		size			
								appd		65801			
										A3			
										type Product Customer Drawing			
sheet		revision											
index		sheet											



Copyright FCI

D

A

B

C

D

A

B

C

PRODUCT NO. NOTE 9	NO. OF 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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CLINCHER	
ltr ecn nodr date		tolerances unless otherwise specified		title 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							