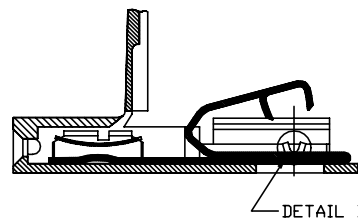
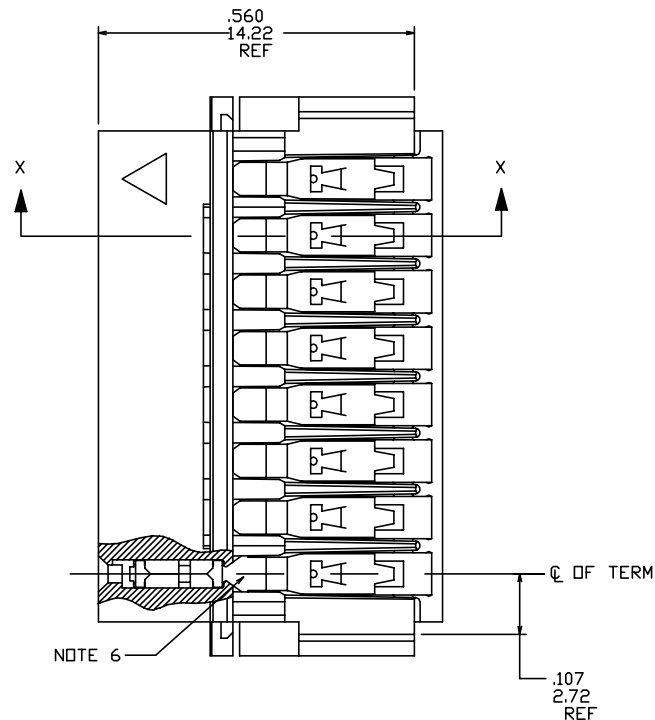
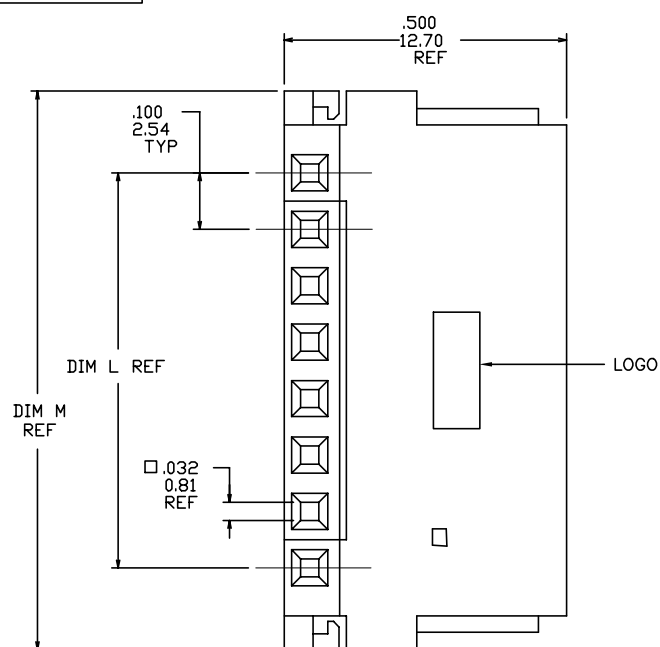
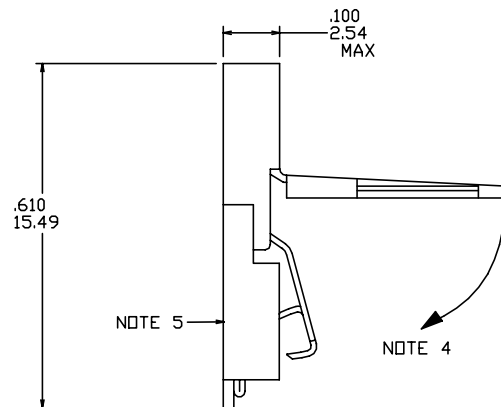


PRODUCT NUMBER
SEE TABLE



DETAIL Z
SCALE 6/1

SECTION X-X



mat'l. code		surface		tolerance		projection		product family	
ISO 1302		ISO 406		ISO 1101		ISO 1101		CLINCHER	
ltr ecn nodr date		tolerances unless otherwise specified		title		INCH/MM		CLINCHER™ RECEPTACLE ASSEMBLY	
AN	ELX-N-010493	ZK	06/03/12	angles	linea	.XX±.01/0.XX±0.3		dwg no	
AH		V60509	HTB	3/5/96	0°±2°	.XXX±.005/0.XX±0.13		sheet 1 of 7	
AJ		M05-0087	MHT	6/15/05	dr	.XXXX±.0020/0.XXX±0.05		size	
AK		M06-0233	AGS	6/12/06	engr	T.BREWBAKER		A3	
AL		M07-0088	MHT	2/06/07	chr	J.MURPHY		65801	
AM		M09-0062	CMR	4/09/09	appd	T. HANNA		type Product Customer Drawing	
sheet revision		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

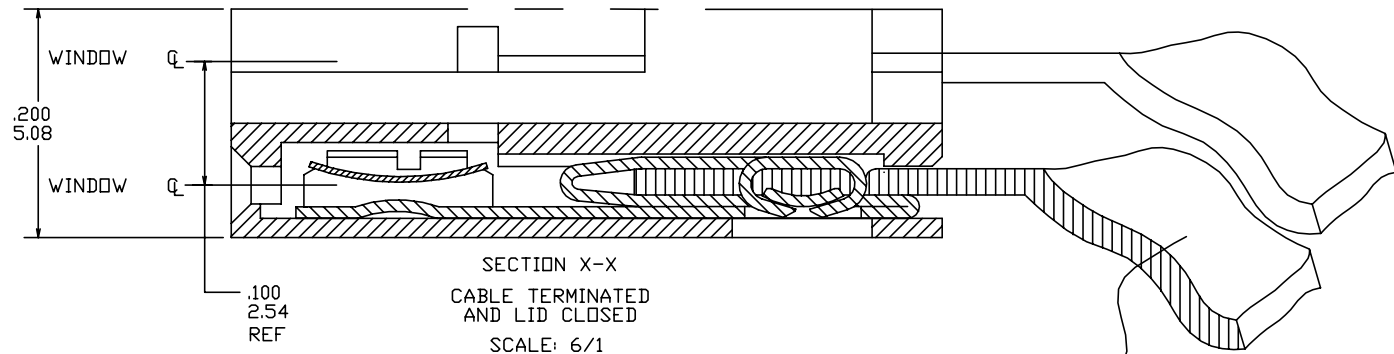
PRODUCT NUMBER

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.

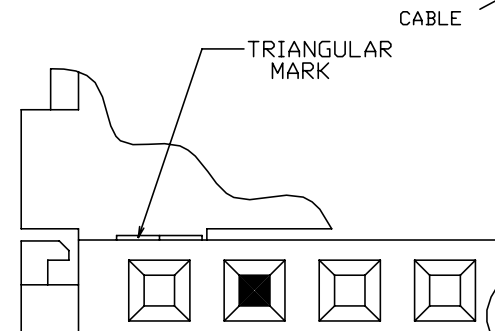


FIG A
NOTE 7

mat'l. code	surface 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
65801-102	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	-

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 5 of 7

size
A3

type
Product Customer Drawing

revision
sheet

index

Copyright FCI

FCIconnect.com

Form: A3

1

2

3

4

5

6

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

65801-133

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 I G N E D

65801-165

U N A \$ 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

ltr ecn nodr date

tolerances unless otherwise specified

angles
linear

title
CLINCHER™ RECEPTACLE ASSEMBLY

AN

XXX.X.01/XXX.X.03

XXX.X.005/XXX.X.013

XXX.X.0020/XXX.X.051

dr T.BREWBAKER 5/17/94

engr T. HANNA 5/17/94

chr J.MURPHY 5/17/94

appd T. HANNA 5/17/94

scale 3:1

FCI

dwg no 65801

sheet 6 of 7

size A3

type Product Customer Drawing

sheet index

revision sheet

41

PDS: Rev :AN

STATUS: Released

Printed: Mar 07, 2012

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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

65801-133

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 I G N E D

65801-165

U N A \$ 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

ltr ecn nodr date

tolerances unless otherwise specified

angles
linear

title
CLINCHER™ RECEPTACLE ASSEMBLY

AN

XXX.X.01/XXX.X.03

XXX.X.005/XXX.X.013

XXX.X.0020/XXX.X.051

dr T.BREWBAKER 5/17/94

engr T. HANNA 5/17/94

chr J.MURPHY 5/17/94

appd T. HANNA 5/17/94

scale 3:1

FCI

dwg no 65801

sheet 6 of 7

size A3

type Product Customer Drawing

sheet index

revision sheet

41

PDS: Rev :AN

STATUS: Released

Printed: Mar 07, 2012

1

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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

65801-133

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 I G N E D

65801-165

U N A \$ 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

ltr ecn nodr date

tolerances unless otherwise specified

angles
linear

title
CLINCHER™ RECEPTACLE ASSEMBLY

AN

XXX.X.01/XXX.X.03

XXX.X.005/XXX.X.013

XXX.X.0020/XXX.X.051

dr T.BREWBAKER 5/17/94

engr T. HANNA 5/17/94

chr J.MURPHY 5/17/94

appd T. HANNA 5/17/94

scale 3:1

FCI

dwg no 65801

sheet 6 of 7

size A3

type Product Customer Drawing

sheet index

revision sheet

41

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

658

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		dwg no 65801		sheet 7 of 7 size A3	
AN		angles 0°±2°		linea .XX±.01/0.X.3 .XXX±.005/0.XXX.13 .XXXX±.0020/0.XXX±0.051		INCH/MM scale 3:1		type Product Customer Drawing	
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							