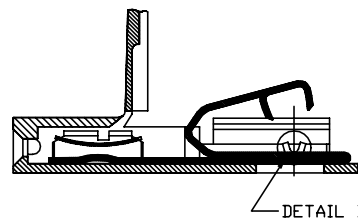
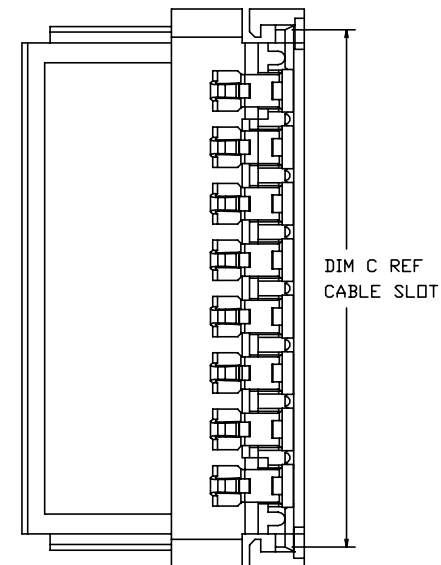
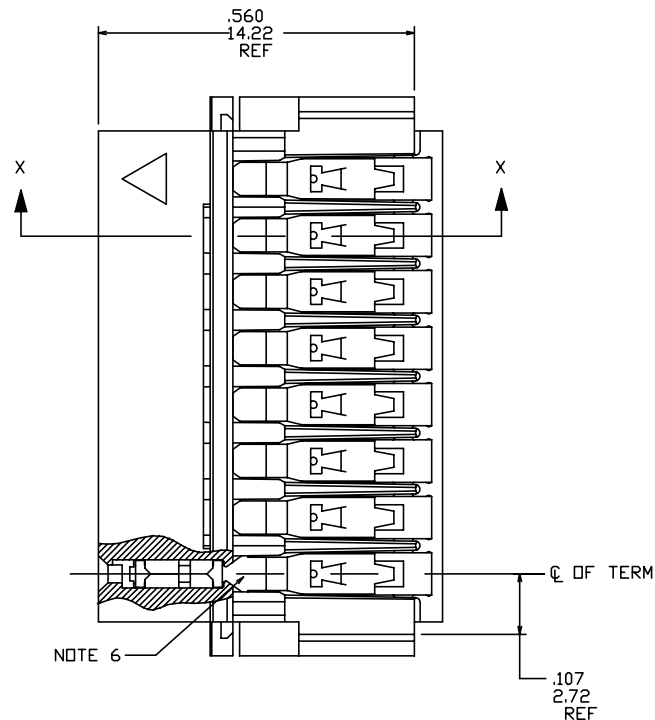
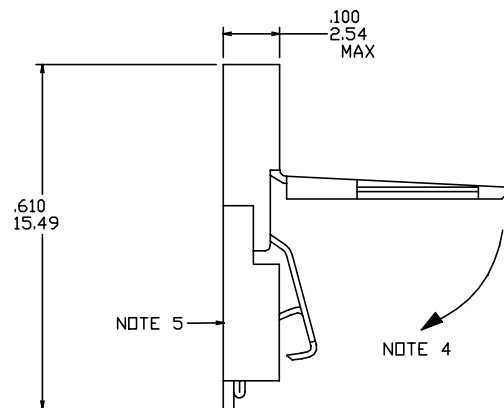
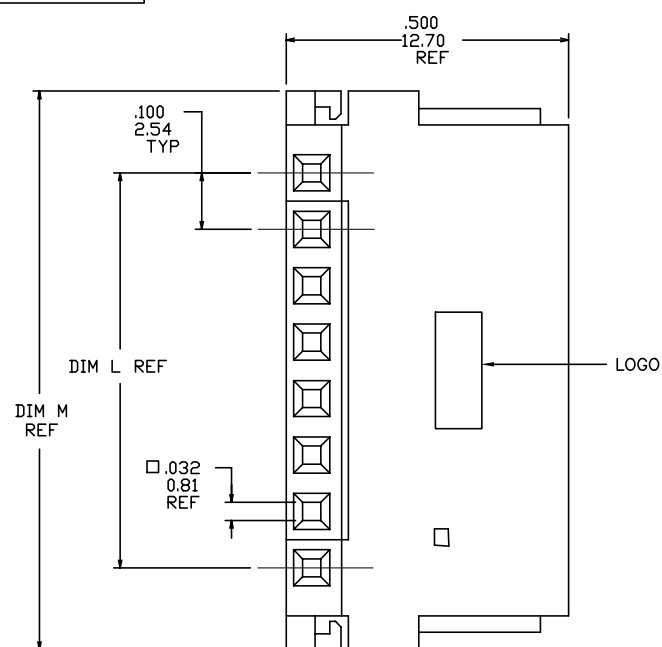


PRODUCT NUMBER
SEE TABLE



SECTION X-X



DETAIL Z
SCALE 6/1

mat'l. code				surface		tolerance		projection		product family	
				ISO 1302 ✓		ISO 406 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				CLINCHER™ RECEPTACLE ASSEMBLY	
AH	V60509	HTB	3/5/96	0°±2°		.XXX±.005/0.XX±0.13		scale 3:1		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			

PLATING AVAILABLE

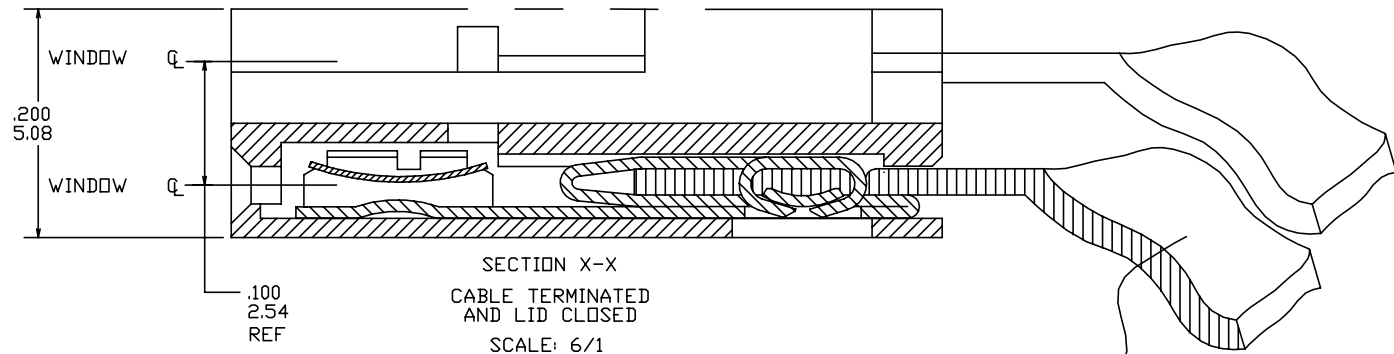
PLATING CODE	TERMINAL	SPRING
1	100u"/.254u MIN. THICK PURE TIN	10u"/.25u MIN. THICK PURE TIN
2	30u"/.76u MIN. GOLD OR GXT STRIPE IN BOX AREA	3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKLE

PRODUCT NUMBER

65801-XXXLF

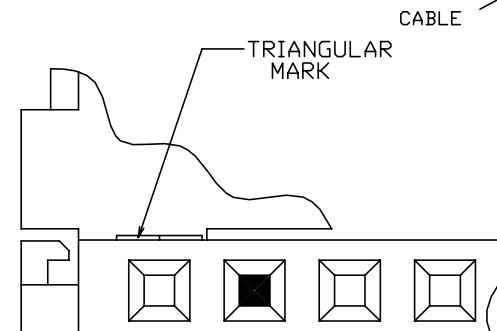
LEAD FREE OPTION
NOTE 9,10NO OF POSITIONS
AND PLATING

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 ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ISO 1101	product family CLINCHER
ltr ecn nodr date	tolerances unless otherwise specified	linea	INCH/MM	title CLINCHER™ RECEPTACLE ASSEMBLY
AN	angles 0°±2'	XXX±.01/0.XX±0.3 XXX±.005/0.XX±0.13 XXX±.0020/0.XX±0.05	scale 3:1	dwg no 65801
dr	T.BREWBAKER	5/17/94		sheet 2 of 7
enr	T. HANNA	5/17/94		size A3
chr	J. MURPHY	5/17/94		
app	T. HANNA	5/17/94		type Product Customer Drawing
sheet index	revision sheet			

1

2

3

4

5

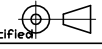
6

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


product family
CLINCHER

title
CLINCHER™ RECEPTACLE ASSEMBLY

dwg no
65801

sheet 5 of 7

size
A3

type
Product Customer Drawing

scale 3:1



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

revision sheet

Copyright FCI

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	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		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 size			
								chr		65801 A3			
								appd		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					
sheet index		revision sheet							