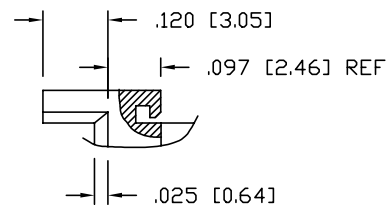
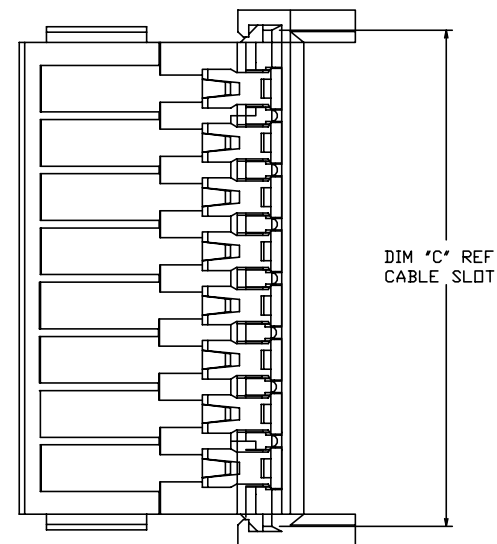
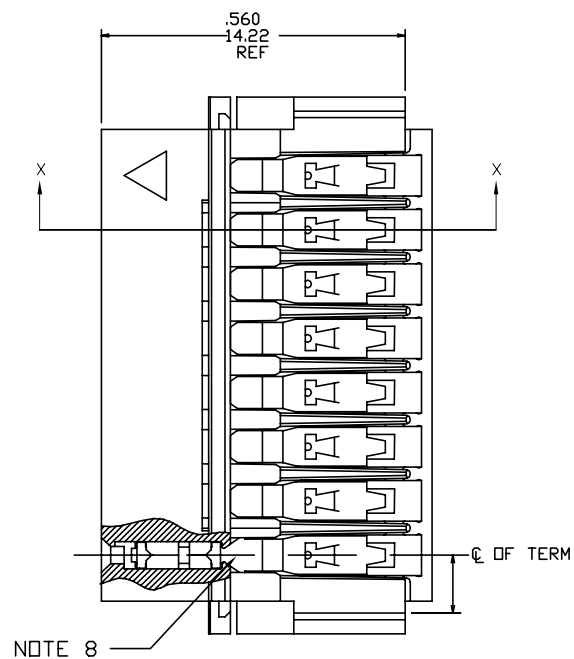
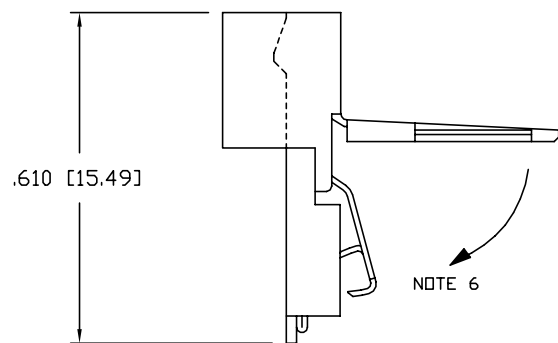
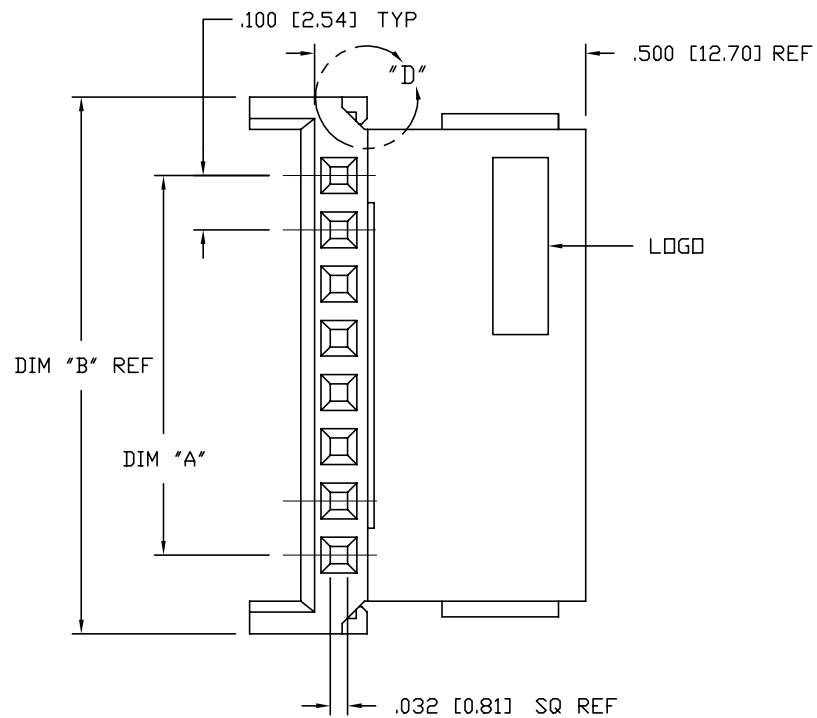


PRODUCT NUMBER
SEE TABLE



DETAIL "D"

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302 ✓		ISO 406 ISO 1101				CLINCHER	
l	tr	ec	n	o	d	r	date	title	
M	ELX-N-010494	ZK	06/03/12	tolerances unless otherwise specified				CLINCHER™ RECEPTACLE ASSEMBLY-LATCHING	
		angles		line		scale 3:1		dwg no	
G	V50244	HTB	2/14/95	0°±2°				sheet 1 of 6	
H	V51638	HTB	12/29/95	dr		M. FETROW		9/15/94	
J	M05-0087	MHT	6/17/05	engr		T. HANNA		9/15/94	
K	M06-0233	AGS	06/12/06	chr		T. BREWBAKER		9/15/94	
L	M07-0170	MHT	3/30/07	appd		T. HANNA		9/15/94	
sheet revision		M	M	M	M	M	M	type Product Customer Drawing	
index		sheet	1	2	3	4	5	6	

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PLATING AVAILABLE

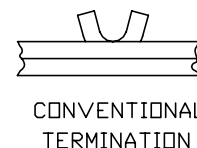
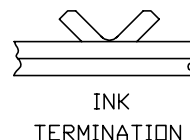
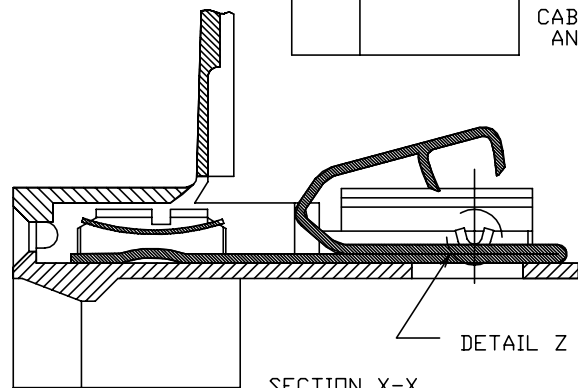
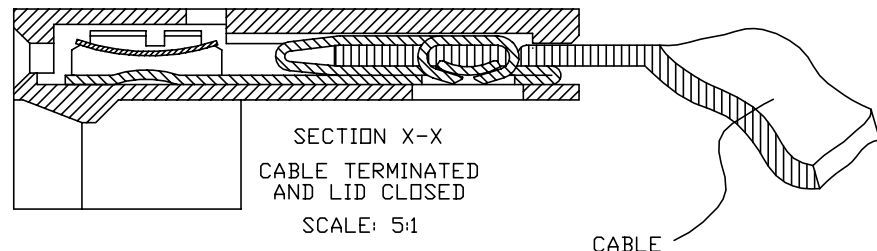
PLATING CODE	TERMINAL	SPRING
1	100u"/2.54u MIN. THICK PURE TIN	10u"/.25u MIN. THICK PURE TIN
2	30u"/.76u MIN. GOLD OR GXT STRIPE IN BOX AREA NOTE 12	3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKEL

PRODUCT NUMBER

67516-XXXLF

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

BASE PART NUMBER

DETAIL Z
SCALE 5:1

NOTES:

1. HOUSING MATERIAL: THERMOPLASTIC, FLAME RETARDANT PER UL 94V-0. COLOR: BLUE.
2. TERMINAL MATERIAL: 1/2 HARD Cu NI ALLOY, UNS-C72500.
3. TERMINAL PLATING: SEE TABLE.
4. SEE TA-372 FOR CRIMP HEIGHT.
5. FOR CABLE & CIRCUITRY INFORMATION SEE TA-264 AND TA-371.
6. LATCH SNAPS CLOSED AFTER TERMINATION MAINTAINING A MAX OVER ALL HEIGHT OF .100/2.54.
7. NO CENTER HINGE 2 THRU 8 POSITIONS. SINGLE CENTER HINGE 9 THRU 15 POSITIONS. TWO CENTER HINGES FOR 16 POSITION PARTS.
8. KNURL MARK INDICATES FOR USE WITH INK TERMINATION. CONSULT WITH BERG ELECTRONICS TECHNICAL REPRESENTATIVE FOR SPECIFIC APPLICATIONS.
9. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
10. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
11. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS
12. PLATING OPTION MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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 linea 0°±2°	scale 3:1	title CLINCHER™ RECEPTACLE ASSEMBLY-LATCHING
M		dr M. FETROW 9/15/94		dwg no sheet 2 of 6 size
		enr T. HANNA 9/15/94		67516 A3
		chr T. BREWBAKER 9/15/94		type Product Customer Drawing
		app T. HANNA 9/15/94		
sheet index	revision sheet			

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PRODUCT NUMBER	NO. OF	DIM. A	DIM. A	DIM. B	DIM. B	DIM. C	DIM. C	PLATING	TERMINATION
NOTE 9	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 8
67516-001		U N A	S S I G N E D						
67516-002	2	0.100	2.54	0.390	9.91	0.315	8.00	1	CONVENTIONAL
67516-003	3	0.200	5.08	0.490	12.45	0.415	10.54	1	CONVENTIONAL
67516-004	4	0.300	7.62	0.590	14.99	0.515	13.08	1	CONVENTIONAL
67516-005	5	0.400	10.16	0.690	17.53	0.615	15.62	1	CONVENTIONAL
67516-006	6	0.500	12.70	0.790	20.07	0.715	18.16	1	CONVENTIONAL
67516-007	7	0.600	15.24	0.890	22.61	0.815	20.70	1	CONVENTIONAL
67516-008	8	0.700	17.78	0.990	25.15	0.915	23.24	1	CONVENTIONAL
67516-009	9	0.800	20.32	1.090	27.69	1.015	25.78	1	CONVENTIONAL
67516-010	10	0.900	22.86	1.190	30.23	1.115	28.32	1	CONVENTIONAL
67516-011	11	1.000	25.40	1.290	32.77	1.215	30.86	1	CONVENTIONAL
67516-012	12	1.100	27.94	1.390	35.31	1.315	33.40	1	CONVENTIONAL
67516-013	13	1.200	30.48	1.490	37.85	1.415	35.94	1	CONVENTIONAL
67516-014	14	1.300	33.02	1.590	40.39	1.515	38.48	1	CONVENTIONAL
67516-015	15	1.400	35.56	1.690	42.93	1.615	41.02	1	CONVENTIONAL
67516-016	16	1.500	38.10	1.790	45.47	1.715	43.56	1	CONVENTIONAL

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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-LATCHING

M

angles

linea

INCH/MM

scale 3:1

dr

M. FETROW

9/15/94

FCI

dwg no

sheet 3 of 6

size

engr

T. HANNA

9/15/94

67516

A3

chr

T.BREWBAKER

9/15/94

type

Product Customer Drawing

appd

T.HANNA

9/15/94

sheet index

revision sheet

Form: A3

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PDS: Rev :M

STATUS: Released

Printed: Mar 07, 2012

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PRODUCT NUMBER	NO. OF	DIM. A	DIM. A	DIM. B	DIM. B	DIM. C	DIM. C	PLATING	TERMINATION
NOTE 9	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 8
67516-501		U N A	S S I G	N E D					
67516-502	2	0.100	2.54	0.390	9.91	0.315	8.00	1	INK
67516-503	3	0.200	5.08	0.490	12.45	0.415	10.54	1	INK
67516-504	4	0.300	7.62	0.590	14.99	0.515	13.08	1	INK
67516-505	5	0.400	10.16	0.690	17.53	0.615	15.62	1	INK
67516-506	6	0.500	12.70	0.790	20.07	0.715	18.16	1	INK
67516-507	7	0.600	15.24	0.890	22.61	0.815	20.70	1	INK
67516-508	8	0.700	17.78	0.990	25.15	0.915	23.24	1	INK
67516-509	9	0.800	20.32	1.090	27.69	1.015	25.78	1	INK
67516-510	10	0.900	22.86	1.190	30.23	1.115	28.32	1	INK
67516-511	11	1.000	25.40	1.290	32.77	1.215	30.86	1	INK
67516-512	12	1.100	27.94	1.390	35.31	1.315	33.40	1	INK
67516-513	13	1.200	30.48	1.490	37.85	1.415	35.94	1	INK
67516-514	14	1.300	33.02	1.590	40.39	1.515	38.48	1	INK
67516-515	15	1.400	35.56	1.690	42.93	1.615	41.02	1	INK
67516-516	16	1.500	38.10	1.790	45.47	1.715	43.56	1	INK

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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM scale 1:3		product family CLINCHER	
ltr ecn nodr date		tolerances unless otherwise specified		title CLINCHER™ RECEPTACLE ASSEMBLY-LATCHING		dwg no 67516		sheet 5 of 6 size A3	
M		angles 0°±2°		linea XXX±.01/XXX±.03 XXX±.005/XXX±.013 XXX±.0020/XXX±.0051		FCI		type Product Customer Drawing	
dr		M. FETROW		9/15/94					
engr		T. HANNA		9/15/94					
chr		T.BREWBAKER		9/15/94					
appd		T.HANNA		9/15/94					
sheet index		revision sheet							

Form: A3

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PDS: Rev :M

STATUS: Released

Printed: Mar 07, 2012

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PRODUCT NUMBER	NO. OF	DIM. A	DIM. A	DIM. B	DIM. B	DIM. C	DIM. C	PLATING	TERMINATION
NOTE 9	POS.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 8
67516-701		U N A	S S I G	N E D					
67516-702	2	0.100	2.54	0.390	9.91	0.315	8.00	2	INK
67516-703	3	0.200	5.08	0.490	12.45	0.415	10.54	2	INK
67516-704	4	0.300	7.62	0.590	14.99	0.515	13.08	2	INK
67516-705	5	0.400	10.16	0.690	17.53	0.615	15.62	2	INK
67516-706	6	0.500	12.70	0.790	20.07	0.715	18.16	2	INK
67516-707	7	0.600	15.24	0.890	22.61	0.815	20.70	2	INK
67516-708	8	0.700	17.78	0.990	25.15	0.915	23.24	2	INK
67516-709	9	0.800	20.32	1.090	27.69	1.015	25.78	2	INK
67516-710	10	0.900	22.86	1.190	30.23	1.115	28.32	2	INK
67516-711	11	1.000	25.40	1.290	32.77	1.215	30.86	2	INK
67516-712	12	1.100	27.94	1.390	35.31	1.315	33.40	2	INK
67516-713	13	1.200	30.48	1.490	37.85	1.415	35.94	2	INK
67516-714	14	1.300	33.02	1.590	40.39	1.515	38.48	2	INK
67516-715	15	1.400	35.56	1.690	42.93	1.615	41.02	2	INK
67516-716	16	1.500	38.10	1.790	45.47	1.715	43.56	2	INK

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mat'l. code		surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection INCH/MM scale 1:3		product family CLINCHER	
ltr ecn nodr date		tolerances unless otherwise specified		title CLINCHER™ RECEPTACLE ASSEMBLY-LATCHING		dwg no 67516		sheet 6 of 6 size A3	
M		angles 0°±2°		linea XXX±.01/0.03 XXX±.005/0.0013 XXX±.0020/0.001051		FCI		type Product Customer Drawing	
dr		M. FETROW		9/15/94					
enr		T. HANNA		9/15/94					
chr		T.BREWBAKER		9/15/94					
app		T.HANNA		9/15/94					
sheet index		revision sheet							

Form: A3

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