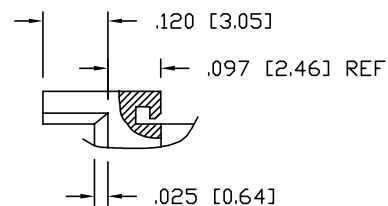
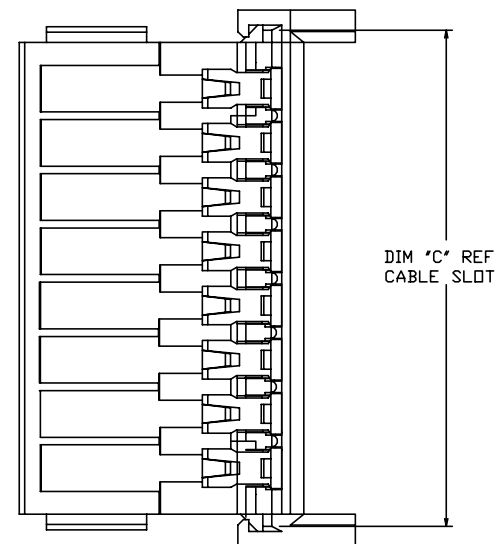
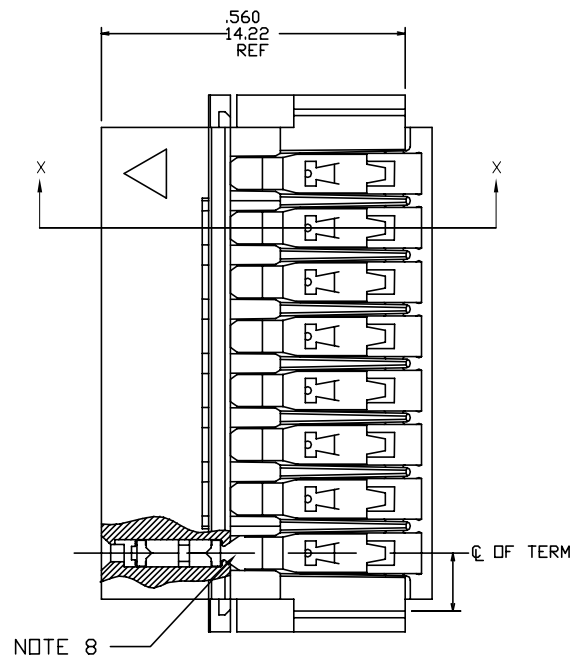
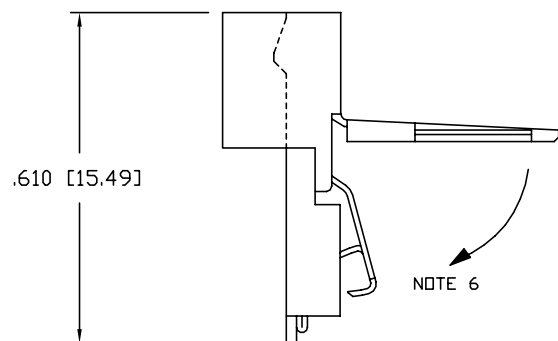
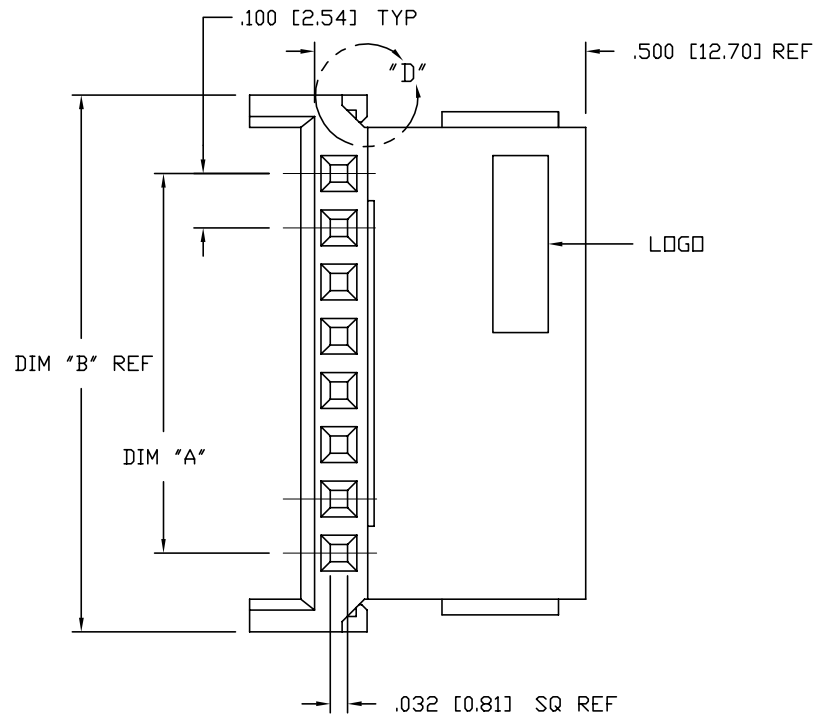


PRODUCT NUMBER
SEE TABLE



DETAIL "D"

mat'l. code		surface	tolerance	projection	product family	
		ISO 1302 ✓	ISO 406 ISO 1101		CLINCHER	
l	tr	ec	n	dr	date	tolerances unless otherwise specified
M	ELX-N-010494	ZK	06/03/12	angles	line	XX±.01/0.XX±0.3 XXX±.005/0.XX±0.13 XXXX±.0020/0.XXX±0.051
G	V50244	HTB	2/14/95	0°±2°		
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
index	sheet	1	2	3	4	5



title
CLINCHER™ RECEPTACLE
ASSEMBLY-LATCHING

dwg no 67516 sheet 1 of 6 size A3

type Product Customer Drawing

1

2

3

4

5

6

PLATING AVAILABLE

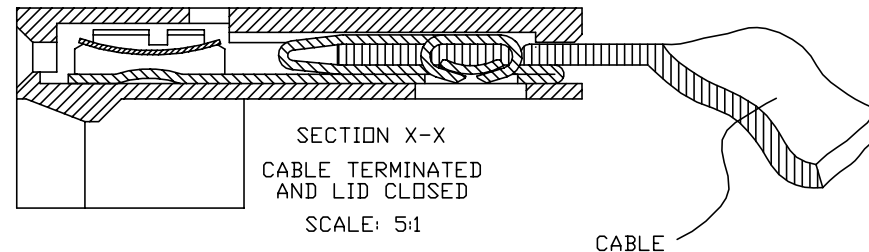
PLATING CODE	TERMINAL	SPRING
1	100u"/2.54u MIN. THICK PURE TIN	10u"/.25u MIN. THICK PURE TIN
2	30u"/.76u MIN. GOLD OR GXT STRIPE IN BOX AREA NOTE 12	3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKEL

PRODUCT NUMBER

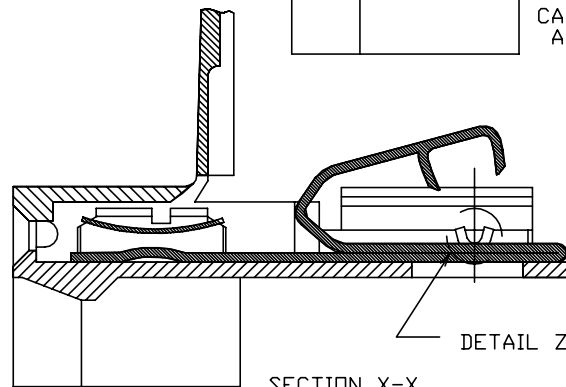
67516-XXXLF

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

BASE PART NUMBER

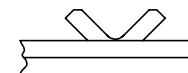
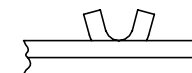
SECTION X-X
CABLE TERMINATED
AND LID CLOSED
SCALE: 5:1

CABLE



SECTION X-X

DETAIL Z

INK
TERMINATIONCONVENTIONAL
TERMINATIONDETAIL 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		title		CLINCHER™ RECEPTACLE ASSEMBLY-LATCHING			
M		angles linea 0°±2°		XX±.01/0XX±0.3 XXX±.005/0XX±0.13 XXXX±.0020/0XXX±0.051		scale 3:1		dwg no sheet 2 of 6 size	
		dr M. FETROW 9/15/94		engr T. HANNA 9/15/94		chr T. BREWBAKER 9/15/94		67516 A3	
		appd T. HANNA 9/15/94						type Product Customer Drawing	
sheet index		revision sheet							

1

2

3

4

5

6

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
67516-201		U N A	S S I G	N E D					
67516-202	2	0.100	2.54	0.390	9.91	0.315	8.00	2	CONVENTIONAL
67516-203	3	0.200	5.08	0.490	12.45	0.415	10.54	2	CONVENTIONAL
67516-204	4	0.300	7.62	0.590	14.99	0.515	13.08	2	CONVENTIONAL
67516-205	5	0.400	10.16	0.690	17.53	0.615	15.62	2	CONVENTIONAL
67516-206	6	0.500	12.70	0.790	20.07	0.715	18.16	2	CONVENTIONAL
67516-207	7	0.600	15.24	0.890	22.61	0.815	20.70	2	CONVENTIONAL
67516-208	8	0.700	17.78	0.990	25.15	0.915	23.24	2	CONVENTIONAL
67516-209	9	0.800	20.32	1.090	27.69	1.015	25.78	2	CONVENTIONAL
67516-210	10	0.900	22.86	1.190	30.23	1.115	28.32	2	CONVENTIONAL
67516-211	11	1.000	25.40	1.290	32.77	1.215	30.86	2	CONVENTIONAL
67516-212	12	1.100	27.94	1.390	35.31	1.315	33.40	2	CONVENTIONAL
67516-213	13	1.200	30.48	1.490	37.85	1.415	35.94	2	CONVENTIONAL
67516-214	14	1.300	33.02	1.590	40.39	1.515	38.48	2	CONVENTIONAL
67516-215	15	1.400	35.56	1.690	42.93	1.615	41.02	2	CONVENTIONAL
67516-216	16	1.500	38.10	1.790	45.47	1.715	43.56	2	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 4 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

1

2

3

4

5

6

Form: A3

1

2

3

4

5

6

PDS: Rev :M

STATUS: Released

Printed: Mar 07, 2012



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1		2		3		4		5		6	
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		

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	linear	$XX \pm .01 / 0.003$ $XXX \pm .005 / 0.0013$ $XXXX \pm .0020 / 0.00051$		INCH/MM			
		0° ± 2°				scale 1:3			
		dr	M. FETROW	9/15/94				dwg no sheet 6 of 6 size	
		engr	T. HANNA	9/15/94				67516 A3	
		chr	T. BREWBAKER	9/15/94					
		appd	T. HANNA	9/15/94				type Product Customer Drawing	
sheet index	revision sheet								