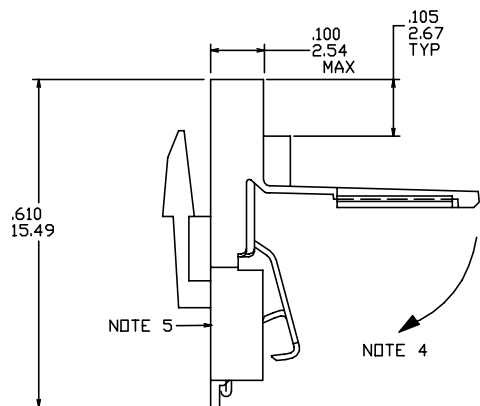


SECTION X-X

mat'l. code				surface		tolerance		projection		product family			
				ISO 1302 ✓		ISO 406 ISO 1101				CLINCHER			
ltr		ecn		nodr		date		tolerances unless otherwise specified				title	
A		V03-0423		TAB		4/17/03		angles		linear		INCH/MM	
B		M05-0087		MHT		6/15/05		0°±2°		linear		LATCHING CLINCHER™	
C		M06-0001		MHT		1/03/06				linear		RECEPTACLE ASSEMBLY	
D		M06-0233		AGS		06/12/06		dr		T. BRUNGARD		4/17/03	
E		M07-0170		MHT		3/30/07		engr		H. SUNDY		4/17/03	
F		ELX-N-010491		ZK		06/03/12		chr		H. SUNDY		4/17/03	
								appd		H. SUNDY		4/17/03	
sheet		revision		F		F		F		F		F	
index		sheet		1		2		3		4		5	

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	3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKLE

PRODUCT NUMBER
10022753-XXXLF

LEAD FREE OPTION
NOTE 7,8

NO OF POSITIONS
AND PLATING

BASE PART NUMBER

WINDOW

Q

.100
2.54
REF

CABLE TERMINATED
AND LID CLOSED
SCALE: 6/1

CABLE

NOTES:

- MOLDING MAT'L: THERMOPLASTIC, FLAME RETARDENT 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.
- 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 OPTION
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.



INK
TERMINATION



CONVENTIONAL
TERMINATION

DETAIL Z
SCALE 6/1

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		line		scale 1:1		title LATCHING CLINCHER™ RECEPTACLE ASSEMBLY	
F		angles	0°±2'	line	XXX±.01/XXX±.03 XXX±.005/XXX±.013 XXX±.0020/XXX±.0051			dwg no 10022753	
		dr	T. BRUNGARD	4/17/03			sheet 2 of 6		size A3
		engr	H. SUNDY	4/17/03					
		chr	H. SUNDY	4/17/03					
		appd	H. SUNDY	4/17/03					
sheet index		revision sheet						type Product Customer Drawing	

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PRODUCT NO.	NO. OF	DIM. L	DIM. L	DIM. M	DIM. M	DIM. C	DIM. C	PLATING	TERMINATION	
NOTE 7	POSITIONS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 6	
10022753-006	6	0.500	12.70	0.790	20.07	0.715	18.16	1	CONVENTIONAL	
10022753-007	7	0.600	15.24	0.890	22.61	0.815	20.70	1	CONVENTIONAL	
10022753-008	8	0.700	17.78	0.990	25.15	0.915	23.24	1	CONVENTIONAL	
10022753-009	9	0.800	20.32	1.090	27.69	1.015	25.78	1	CONVENTIONAL	
10022753-010	10	0.900	22.86	1.190	30.23	1.115	28.32	1	CONVENTIONAL	
10022753-011	11	1.000	25.40	1.290	32.77	1.215	30.86	1	CONVENTIONAL	
10022753-012	12	1.100	27.94	1.390	35.31	1.315	33.40	1	CONVENTIONAL	
10022753-013	13	1.200	30.48	1.490	37.85	1.415	35.94	1	CONVENTIONAL	
10022753-014	14	1.300	33.02	1.590	40.39	1.515	38.48	1	CONVENTIONAL	
10022753-015	15	1.400	35.56	1.690	42.93	1.615	41.02	1	CONVENTIONAL	
10022753-016	16	1.500	38.10	1.790	45.47	1.715	43.56	1	CONVENTIONAL	
10022753-017	17	1.600	40.64	1.890	48.01	1.815	46.10	1	CONVENTIONAL	
10022753-018	18	1.700	43.18	1.990	50.55	1.915	48.64	1	CONVENTIONAL	
10022753-019	19	1.800	45.72	2.090	53.09	2.015	51.18	1	CONVENTIONAL	
10022753-020	20	1.900	48.26	2.190	55.63	2.115	53.72	1	CONVENTIONAL	
10022753-021	21	2.000	50.80	2.290	58.17	2.215	56.26	1	CONVENTIONAL	
10022753-022	22	2.100	53.34	2.390	60.71	2.315	58.80	1	CONVENTIONAL	
10022753-023	23	2.200	55.88	2.490	63.25	2.415	61.34	1	CONVENTIONAL	
10022753-024	24	2.300	58.42	2.590	65.79	2.515	63.88	1	CONVENTIONAL	
10022753-025	25	2.400	60.96	2.690	68.33	2.615	66.42	1	CONVENTIONAL	
10022753-026	26	2.500	63.50	2.790	70.87	2.715	68.96	1	CONVENTIONAL	
10022753-027	27	2.600	66.04	2.890	73.41	2.815	71.50	1	CONVENTIONAL	
10022753-028	28	2.700	68.58	2.990	75.95	2.915	74.04	1	CONVENTIONAL	
10022753-029	29	2.800	71.12	3.090	78.49	3.015	76.58	1	CONVENTIONAL	
10022753-030	30	2.900	73.66	3.190	81.03	3.115	79.12	1	CONVENTIONAL	
10022753-031	31	3.000	76.20	3.290	83.57	3.215	81.66	1	CONVENTIONAL	
10022753-032	32	3.100	78.74	3.390	86.11	3.315	84.20	1	CONVENTIONAL	
10022753-033	33	3.200	81.28	3.490	88.65	3.415	86.74	1	CONVENTIONAL	
10022753-034	34	3.300	83.82	3.590	91.19	3.515	89.28	1	CONVENTIONAL	

mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection


product family
CLINCHER

ltr ecn nodr date

tolerances unless otherwise specified

angles
0°±2'

linear
XX±.01/0.XX±0.3
XXX±.005/0.XX±0.13
XXXX±.0020/0.XXX±0.051

INCH/MM

scale 1:1

title
LATCHING CLINCHER™
RECEPTACLE ASSEMBLY

dwg no
10022753

sheet 3 of 6

size
A3

type Product Customer Drawing

dr T. BRUNGARD 4/17/03

enr H. SUNDY 4/17/03

chr H. SUNDY 4/17/03

app H. SUNDY 4/17/03

sheet index

revision sheet

Form: A3

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PDS: Rev :F

STATUS: Released

Printed: Mar 07, 2012

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PRODUCT NO.	NO. OF	DIM. L	DIM. L	DIM. M	DIM. M	DIM. C	DIM. C	PLATING	TERMINATION	
NOTE 7	POSITIONS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 6	
10022753-039	6	0.500	12.70	0.790	20.07	0.715	18.16	2	CONVENTIONAL	
10022753-040	7	0.600	15.24	0.890	22.61	0.815	20.70	2	CONVENTIONAL	
10022753-041	8	0.700	17.78	0.990	25.15	0.915	23.24	2	CONVENTIONAL	
10022753-042	9	0.800	20.32	1.090	27.69	1.015	25.78	2	CONVENTIONAL	
10022753-043	10	0.900	22.86	1.190	30.23	1.115	28.32	2	CONVENTIONAL	
10022753-044	11	1.000	25.40	1.290	32.77	1.215	30.86	2	CONVENTIONAL	
10022753-045	12	1.100	27.94	1.390	35.31	1.315	33.40	2	CONVENTIONAL	
10022753-046	13	1.200	30.48	1.490	37.85	1.415	35.94	2	CONVENTIONAL	
10022753-047	14	1.300	33.02	1.590	40.39	1.515	38.48	2	CONVENTIONAL	
10022753-048	15	1.400	35.56	1.690	42.93	1.615	41.02	2	CONVENTIONAL	
10022753-049	16	1.500	38.10	1.790	45.47	1.715	43.56	2	CONVENTIONAL	
10022753-050	17	1.600	40.64	1.890	48.01	1.815	46.10	2	CONVENTIONAL	
10022753-051	18	1.700	43.18	1.990	50.55	1.915	48.64	2	CONVENTIONAL	
10022753-052	19	1.800	45.72	2.090	53.09	2.015	51.18	2	CONVENTIONAL	
10022753-053	20	1.900	48.26	2.190	55.63	2.115	53.72	2	CONVENTIONAL	
10022753-054	21	2.000	50.80	2.290	58.17	2.215	56.26	2	CONVENTIONAL	
10022753-055	22	2.100	53.34	2.390	60.71	2.315	58.80	2	CONVENTIONAL	
10022753-056	23	2.200	55.88	2.490	63.25	2.415	61.34	2	CONVENTIONAL	
10022753-057	24	2.300	58.42	2.590	65.79	2.515	63.88	2	CONVENTIONAL	
10022753-058	25	2.400	60.96	2.690	68.33	2.615	66.42	2	CONVENTIONAL	
10022753-059	26	2.500	63.50	2.790	70.87	2.715	68.96	2	CONVENTIONAL	
10022753-060	27	2.600	66.04	2.890	73.41	2.815	71.50	2	CONVENTIONAL	
10022753-061	28	2.700	68.58	2.990	75.95	2.915	74.04	2	CONVENTIONAL	
10022753-062	29	2.800	71.12	3.090	78.49	3.015	76.58	2	CONVENTIONAL	
10022753-063	30	2.900	73.66	3.190	81.03	3.115	79.12	2	CONVENTIONAL	
10022753-064	31	3.000	76.20	3.290	83.57	3.215	81.66	2	CONVENTIONAL	
10022753-065	32	3.100	78.74	3.390	86.11	3.315	84.20	2	CONVENTIONAL	
10022753-066	33	3.200	81.28	3.490	88.65	3.415	86.74	2	CONVENTIONAL	
10022753-067	34	3.300	83.82	3.590	91.19	3.515	89.28	2	CONVENTIONAL	

mat'l. code

surface
ISO 1302 ✓

tolerance
ISO 406
ISO 1101

projection


product family
CLINCHER

ltr ecn nodr date

tolerances unless otherwise specified

angles
linea
0°±2'

linear
XXX±.01/0.XX±0.3
XXX±.005/0.XX±0.13
XXX±.0020/0.XXX±0.051

INCH/MM

scale 1:1

title
LATCHING CLINCHER™
RECEPTACLE ASSEMBLY

dwg no
10022753

sheet 4 of 6

size
A3

type
Product Customer Drawing

dr T. BRUNGARD 4/17/03

enr H. SUNDY 4/17/03

chr H. SUNDY 4/17/03

app H. SUNDY 4/17/03

sheet index

revision sheet

FCI

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Form: A3

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PDS: Rev :F

STATUS: Released

Printed: Mar 07, 2012

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Copyright FCI

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PRODUCT NO.	NO. OF	DIM. L	DIM. L	DIM. M	DIM. M	DIM. C	DIM. C	PLATING	TERMINATION	
NOTE 7	POSITIONS	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	CODE	NOTE 6	
10022753-139	6	0.500	12.70	0.790	20.07	0.715	18.16	2	INK	
10022753-140	7	0.600	15.24	0.890	22.61	0.815	20.70	2	INK	
10022753-141	8	0.700	17.78	0.990	25.15	0.915	23.24	2	INK	
10022753-142	9	0.800	20.32	1.090	27.69	1.015	25.78	2	INK	
10022753-143	10	0.900	22.86	1.190	30.23	1.115	28.32	2	INK	
10022753-144	11	1.000	25.40	1.290	32.77	1.215	30.86	2	INK	
10022753-145	12	1.100	27.94	1.390	35.31	1.315	33.40	2	INK	
10022753-146	13	1.200	30.48	1.490	37.85	1.415	35.94	2	INK	
10022753-147	14	1.300	33.02	1.590	40.39	1.515	38.48	2	INK	
10022753-148	15	1.400	35.56	1.690	42.93	1.615	41.02	2	INK	
10022753-149	16	1.500	38.10	1.790	45.47	1.715	43.56	2	INK	
10022753-150	17	1.600	40.64	1.890	48.01	1.815	46.10	2	INK	
10022753-151	18	1.700	43.18	1.990	50.55	1.915	48.64	2	INK	
10022753-152	19	1.800	45.72	2.090	53.09	2.015	51.18	2	INK	
10022753-153	20	1.900	48.26	2.190	55.63	2.115	53.72	2	INK	
10022753-154	21	2.000	50.80	2.290	58.17	2.215	56.26	2	INK	
10022753-155	22	2.100	53.34	2.390	60.71	2.315	58.80	2	INK	
10022753-156	23	2.200	55.88	2.490	63.25	2.415	61.34	2	INK	
10022753-157	24	2.300	58.42	2.590	65.79	2.515	63.88	2	INK	
10022753-158	25	2.400	60.96	2.690	68.33	2.615	66.42	2	INK	
10022753-159	26	2.500	63.50	2.790	70.87	2.715	68.96	2	INK	
10022753-160	27	2.600	66.04	2.890	73.41	2.815	71.50	2	INK	
10022753-161	28	2.700	68.58	2.990	75.95	2.915	74.04	2	INK	
10022753-162	29	2.800	71.12	3.090	78.49	3.015	76.58	2	INK	
10022753-163	30	2.900	73.66	3.190	81.03	3.115	79.12	2	INK	
10022753-164	31	3.000	76.20	3.290	83.57	3.215	81.66	2	INK	
10022753-165	32	3.100	78.74	3.390	86.11	3.315	84.20	2	INK	
10022753-166	33	3.200	81.28	3.490	88.65	3.415	86.74	2	INK	
10022753-167	34	3.300	83.82	3.590	91.19	3.515	89.28	2	INK	

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mat'l. code

surface

ISO 1302

tolerance

ISO 406

ISO 1101

projection

product family

CLINCHER

title

LATCHING CLINCHER™

RECEPTACLE ASSEMBLY

dwg no

10022753

sheet 6 of 6

size

A3

type

Product Customer Drawing

sheet index

revision sheet

scale 1:1

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