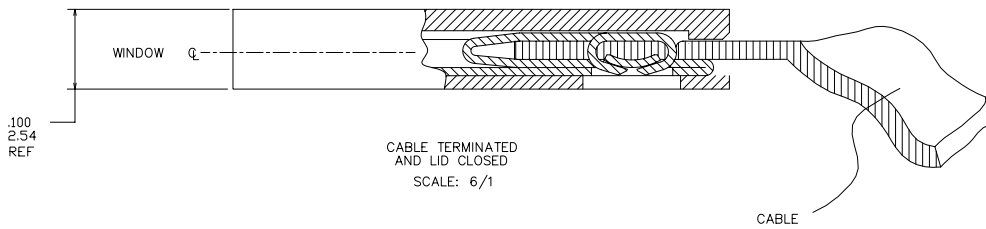


Copyright FCI
 FCconnect.com

mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406		1st angle		CLINCHER	
tolerances unless otherwise specified				ISO 1101				title	
ltr	ecn	no	dr	date	angles	linear	INCH/MM	CLINCHER™ RECEPTACLE ASSEMBLY W/KEY	
A	V03-0420	TAB		4/22/03		.XX±.01/3		dwg no	
B	M05-0087	MHT		6/14/05		.XXX±.005/13		sheet 1 of 6	
C	M06-0011	MHT		1/03/05	0°±2'	XXXX±.0020/.051	scale 3:1	size	
D	M06-0233	AGS	D6/13/06	dr	T. BRUNGARD	4/22/03		10027313	
E	M07-0170	MHT	4/02/07	enrg	H. SUNDY	4/22/03		A3	
				chr	H. SUNDY	4/22/03		type Product Customer Drawing	
				appd	H. SUNDY	4/22/03			
sheet index	revision sheet	E	E	E	E	E			
		1	2	3	4	5			

PDM: Rev:E
 STATUS **Released**
 Printed: Jul 22, 2010

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 STRIPE IN BOX AREA	3u"/.08u MIN. GOLD OVER 50u"/1.27u MIN. NICKLE	



NOTES:

- ① MOLDING MAT'L: POLYPROPYLENE, FLAME RETARDANT PER UL 94V-0. COLOR: BLUE.
- ② TERMINAL MAT'L: 1/2 HARD CuNi ALLOY, UNS-C72500. PLATING: SEE TABULATION AND PLATING TABLE.
- ③ SPRING MAT'L: 1/2 HARD BeCu ALLOY, UNS-C17200. PLATING: SEE TABULATION AND PLATING TABLE.
- ④ LATCH SWINGS CLOSED AFTER TERMINATION MAINTAINING A MAX OVER ALL HEIGHT OF .100/2.54
- ⑤ LABEL IN THIS AREA P/N AND DATE LOT CODE (WEEK AND YEAR) ON DASH No.-067 AND -167 ONLY.
- ⑥ KNURL MARK INDICATES FOR USE WITH INK TERMINATION. CONSULT WITH FCI TECHNICAL REPRESENTATIVE FOR SPECIFIC APPLICATIONS.
- ⑦ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑧ THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
- ⑨ THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS

PRODUCT NUMBER
10027313-XXXLF

- LEAD FREE OPTION
NOTE 7,8
- NO OF POSITIONS
AND PLATING
- BASE PART NUMBER

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CLINCHER
ltr	ecn	no	dr	date
E				
tolerances unless otherwise specified		title		
angles	linear	.XX±.01/.3	CLINCHER™ RECEPTACLE ASSEMBLY W/KEY	
0°±2°		.XXX±.005/.13	dwg no	
dr	T. BRUNGARD	XXXX±.0020/.051	sheet 2 of 6 size	
engr	H. SUNDY		10027313 A3	
chr	H. SUNDY		type Product Customer Drawing	
appd	H. SUNDY			
sheet index	revision sheet			

PRODUCT NO.	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
10027313-006	6	0.500	12.70	0.790	20.07	0.715	18.16	1	CONVENTIONAL
10027313-007	7	0.600	15.24	0.890	22.61	0.815	20.70	1	CONVENTIONAL
10027313-008	8	0.700	17.78	0.990	25.15	0.915	23.24	1	CONVENTIONAL
10027313-009	9	0.800	20.32	1.090	27.69	1.015	25.78	1	CONVENTIONAL
10027313-010	10	0.900	22.86	1.190	30.23	1.115	28.32	1	CONVENTIONAL
10027313-011	11	1.000	25.40	1.290	32.77	1.215	30.86	1	CONVENTIONAL
10027313-012	12	1.100	27.94	1.390	35.31	1.315	33.40	1	CONVENTIONAL
10027313-013	13	1.200	30.48	1.490	37.85	1.415	35.94	1	CONVENTIONAL
10027313-014	14	1.300	33.02	1.590	40.39	1.515	38.48	1	CONVENTIONAL
10027313-015	15	1.400	35.56	1.690	42.93	1.615	41.02	1	CONVENTIONAL
10027313-016	16	1.500	38.10	1.790	45.47	1.715	43.56	1	CONVENTIONAL
10027313-017	17	1.600	40.64	1.890	48.01	1.815	46.10	1	CONVENTIONAL
10027313-018	18	1.700	43.18	1.990	50.55	1.915	48.64	1	CONVENTIONAL
10027313-019	19	1.800	45.72	2.090	53.09	2.015	51.18	1	CONVENTIONAL
10027313-020	20	1.900	48.26	2.190	55.63	2.115	53.72	1	CONVENTIONAL
10027313-021	21	2.000	50.80	2.290	58.17	2.215	56.26	1	CONVENTIONAL
10027313-022	22	2.100	53.34	2.390	60.71	2.315	58.80	1	CONVENTIONAL
10027313-023	23	2.200	55.88	2.490	63.25	2.415	61.34	1	CONVENTIONAL
10027313-024	24	2.300	58.42	2.590	65.79	2.515	63.88	1	CONVENTIONAL
10027313-025	25	2.400	60.96	2.690	68.33	2.615	66.42	1	CONVENTIONAL
10027313-026	26	2.500	63.50	2.790	70.87	2.715	68.96	1	CONVENTIONAL
10027313-027	27	2.600	66.04	2.890	73.41	2.815	71.50	1	CONVENTIONAL
10027313-028	28	2.700	68.58	2.990	75.95	2.915	74.04	1	CONVENTIONAL
10027313-029	29	2.800	71.12	3.090	78.49	3.015	76.58	1	CONVENTIONAL
10027313-030	30	2.900	73.66	3.190	81.03	3.115	79.12	1	CONVENTIONAL
10027313-031	31	3.000	76.20	3.290	83.57	3.215	81.66	1	CONVENTIONAL
10027313-032	32	3.100	78.74	3.390	86.11	3.315	84.20	1	CONVENTIONAL
10027313-033	33	3.200	81.28	3.490	88.65	3.415	86.74	1	CONVENTIONAL
10027313-034	34	3.300	83.82	3.590	91.19	3.515	89.28	1	CONVENTIONAL

FCI
FCIconnect.com

Copyright FCI

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CLINCHER
ltr ecn no dr date	tolerances unless otherwise specified	angles linear	INCH/MM	title CLINCHER™ RECEPTACLE ASSEMBLY W/KEY
E	0°±2'	dr T. BRUNGARD 4/22/03	scale 1:1	dwg no 10027313 sheet 3 of 6 size A3
	enrg H. SUNDY 4/22/03	chr H. SUNDY 4/22/03		type Product Customer Drawing
sheet index	revision sheet	appd H. SUNDY 4/22/03		

PDM: Rev:E STATUS: Released Printed: Jul 22, 2010

PRODUCT NO.	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
10027313-039	6	0.500	12.70	0.790	20.07	0.715	18.16	2	CONVENTIONAL
10027313-040	7	0.600	15.24	0.890	22.61	0.815	20.70	2	CONVENTIONAL
10027313-041	8	0.700	17.78	0.990	25.15	0.915	23.24	2	CONVENTIONAL
10027313-042	9	0.800	20.32	1.090	27.69	1.015	25.78	2	CONVENTIONAL
10027313-043	10	0.900	22.86	1.190	30.23	1.115	28.32	2	CONVENTIONAL
10027313-044	11	1.000	25.40	1.290	32.77	1.215	30.86	2	CONVENTIONAL
10027313-045	12	1.100	27.94	1.390	35.31	1.315	33.40	2	CONVENTIONAL
10027313-046	13	1.200	30.48	1.490	37.85	1.415	35.94	2	CONVENTIONAL
10027313-047	14	1.300	33.02	1.590	40.39	1.515	38.48	2	CONVENTIONAL
10027313-048	15	1.400	35.56	1.690	42.93	1.615	41.02	2	CONVENTIONAL
10027313-049	16	1.500	38.10	1.790	45.47	1.715	43.56	2	CONVENTIONAL
10027313-050	17	1.600	40.64	1.890	48.01	1.815	46.10	2	CONVENTIONAL
10027313-051	18	1.700	43.18	1.990	50.55	1.915	48.64	2	CONVENTIONAL
10027313-052	19	1.800	45.72	2.090	53.09	2.015	51.18	2	CONVENTIONAL
10027313-053	20	1.900	48.26	2.190	55.63	2.115	53.72	2	CONVENTIONAL
10027313-054	21	2.000	50.80	2.290	58.17	2.215	56.26	2	CONVENTIONAL
10027313-055	22	2.100	53.34	2.390	60.71	2.315	58.80	2	CONVENTIONAL
10027313-056	23	2.200	55.88	2.490	63.25	2.415	61.34	2	CONVENTIONAL
10027313-057	24	2.300	58.42	2.590	65.79	2.515	63.88	2	CONVENTIONAL
10027313-058	25	2.400	60.96	2.690	68.33	2.615	66.42	2	CONVENTIONAL
10027313-059	26	2.500	63.50	2.790	70.87	2.715	68.96	2	CONVENTIONAL
10027313-060	27	2.600	66.04	2.890	73.41	2.815	71.50	2	CONVENTIONAL
10027313-061	28	2.700	68.58	2.990	75.95	2.915	74.04	2	CONVENTIONAL
10027313-062	29	2.800	71.12	3.090	78.49	3.015	76.58	2	CONVENTIONAL
10027313-063	30	2.900	73.66	3.190	81.03	3.115	79.12	2	CONVENTIONAL
10027313-064	31	3.000	76.20	3.290	83.57	3.215	81.66	2	CONVENTIONAL
10027313-065	32	3.100	78.74	3.390	86.11	3.315	84.20	2	CONVENTIONAL
10027313-066	33	3.200	81.28	3.490	88.65	3.415	86.74	2	CONVENTIONAL
10027313-067	34	3.300	83.82	3.590	91.19	3.515	89.28	2	CONVENTIONAL

FCJ
FCconnect.com

Copyright FCJ

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family CLINCHER
ltr ecn no dr date	tolerances unless otherwise specified	angles linear	INCH/MM	title CLINCHER™ RECEPTACLE ASSEMBLY W/KEY
E	0°±2'	.XX±.01/.3 .XXX±.005/.13 XXXX±.0020/.051	scale 1:1	dwg no 10027313
	dr T. BRUNGARD 4/22/03			sheet 4 of 6 size A3
	enrg H. SUNDY 4/22/03			type Product Customer Drawing
	chr H. SUNDY 4/22/03			
	appd H. SUNDY 4/22/03			
sheet index	revision sheet			

PDM: Rev:E STATUS Released Printed: Jul 22, 2010

PRODUCT NO.	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
10027313-106	6	0.500	12.70	0.790	20.07	0.715	18.16	1	INK
10027313-107	7	0.600	15.24	0.890	22.61	0.815	20.70	1	INK
10027313-108	8	0.700	17.78	0.990	25.15	0.915	23.24	1	INK
10027313-109	9	0.800	20.32	1.090	27.69	1.015	25.78	1	INK
10027313-110	10	0.900	22.86	1.190	30.23	1.115	28.32	1	INK
10027313-111	11	1.000	25.40	1.290	32.77	1.215	30.86	1	INK
10027313-112	12	1.100	27.94	1.390	35.31	1.315	33.40	1	INK
10027313-113	13	1.200	30.48	1.490	37.85	1.415	35.94	1	INK
10027313-114	14	1.300	33.02	1.590	40.39	1.515	38.48	1	INK
10027313-115	15	1.400	35.56	1.690	42.93	1.615	41.02	1	INK
10027313-116	16	1.500	38.10	1.790	45.47	1.715	43.56	1	INK
10027313-117	17	1.600	40.64	1.890	48.01	1.815	46.10	1	INK
10027313-118	18	1.700	43.18	1.990	50.55	1.915	48.64	1	INK
10027313-119	19	1.800	45.72	2.090	53.09	2.015	51.18	1	INK
10027313-120	20	1.900	48.26	2.190	55.63	2.115	53.72	1	INK
10027313-121	21	2.000	50.80	2.290	58.17	2.215	56.26	1	INK
10027313-122	22	2.100	53.34	2.390	60.71	2.315	58.80	1	INK
10027313-123	23	2.200	55.88	2.490	63.25	2.415	61.34	1	INK
10027313-124	24	2.300	58.42	2.590	65.79	2.515	63.88	1	INK
10027313-125	25	2.400	60.96	2.690	68.33	2.615	66.42	1	INK
10027313-126	26	2.500	63.50	2.790	70.87	2.715	68.96	1	INK
10027313-127	27	2.600	66.04	2.890	73.41	2.815	71.50	1	INK
10027313-128	28	2.700	68.58	2.990	75.95	2.915	74.04	1	INK
10027313-129	29	2.800	71.12	3.090	78.49	3.015	76.58	1	INK
10027313-130	30	2.900	73.66	3.190	81.03	3.115	79.12	1	INK
10027313-131	31	3.000	76.20	3.290	83.57	3.215	81.66	1	INK
10027313-132	32	3.100	78.74	3.390	86.11	3.315	84.20	1	INK
10027313-133	33	3.200	81.28	3.490	88.65	3.415	86.74	1	INK
10027313-134	34	3.300	83.82	3.590	91.19	3.515	89.28	1	INK

FCI
FCIconnect.com

Copyright FCI

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CLINCHER
ltr	ecn	no	dr	date
E				
tolerances unless otherwise specified		angles linear	projection INCH/MM	title CLINCHER™ RECEPTACLE ASSEMBLY W/KEY
		0°±2'	scale 1:1	dwg no 10027313
		dr	T. BRUNGARD	4/22/03
		enrg	H. SUNDY	4/22/03
		chr	H. SUNDY	4/22/03
		appd	H. SUNDY	4/22/03
sheet index	revision sheet	type Product Customer Drawing		

PDM: Rev:E STATUS:Released Printed: Jul 22, 2010

PRODUCT NO.	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
10027313-139	6	0.500	12.70	0.790	20.07	0.715	18.16	2	INK
10027313-140	7	0.600	15.24	0.890	22.61	0.815	20.70	2	INK
10027313-141	8	0.700	17.78	0.990	25.15	0.915	23.24	2	INK
10027313-142	9	0.800	20.32	1.090	27.69	1.015	25.78	2	INK
10027313-143	10	0.900	22.86	1.190	30.23	1.115	28.32	2	INK
10027313-144	11	1.000	25.40	1.290	32.77	1.215	30.86	2	INK
10027313-145	12	1.100	27.94	1.390	35.31	1.315	33.40	2	INK
10027313-146	13	1.200	30.48	1.490	37.85	1.415	35.94	2	INK
10027313-147	14	1.300	33.02	1.590	40.39	1.515	38.48	2	INK
10027313-148	15	1.400	35.56	1.690	42.93	1.615	41.02	2	INK
10027313-149	16	1.500	38.10	1.790	45.47	1.715	43.56	2	INK
10027313-150	17	1.600	40.64	1.890	48.01	1.815	46.10	2	INK
10027313-151	18	1.700	43.18	1.990	50.55	1.915	48.64	2	INK
10027313-152	19	1.800	45.72	2.090	53.09	2.015	51.18	2	INK
10027313-153	20	1.900	48.26	2.190	55.63	2.115	53.72	2	INK
10027313-154	21	2.000	50.80	2.290	58.17	2.215	56.26	2	INK
10027313-155	22	2.100	53.34	2.390	60.71	2.315	58.80	2	INK
10027313-156	23	2.200	55.88	2.490	63.25	2.415	61.34	2	INK
10027313-157	24	2.300	58.42	2.590	65.79	2.515	63.88	2	INK
10027313-158	25	2.400	60.96	2.690	68.33	2.615	66.42	2	INK
10027313-159	26	2.500	63.50	2.790	70.87	2.715	68.96	2	INK
10027313-160	27	2.600	66.04	2.890	73.41	2.815	71.50	2	INK
10027313-161	28	2.700	68.58	2.990	75.95	2.915	74.04	2	INK
10027313-162	29	2.800	71.12	3.090	78.49	3.015	76.58	2	INK
10027313-163	30	2.900	73.66	3.190	81.03	3.115	79.12	2	INK
10027313-164	31	3.000	76.20	3.290	83.57	3.215	81.66	2	INK
10027313-165	32	3.100	78.74	3.390	86.11	3.315	84.20	2	INK
10027313-166	33	3.200	81.28	3.490	88.65	3.415	86.74	2	INK
10027313-167	34	3.300	83.82	3.590	91.19	3.515	89.28	2	INK



Copyright FCI

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 1302	ISO 406	ISO 1101	CLINCHER
ISO 1302	tolerances unless otherwise specified	.XX±.01/.3	INCH/MM	title
E	angles linear	.XXX±.005/.13	scale 1:1	CLINCHER™ RECEPTACLE ASSEMBLY W/KEY
	dr T. BRUNGARD	XXXX±.0020/.051	FCI	dwg no 10027313 sheet 6 of 6 size A3
	enrg H. SUNDY	4/22/03		type Product Customer Drawing
	chr H. SUNDY	4/22/03		
	appd H. SUNDY	4/22/03		
sheet index	revision sheet			

PDM: Rev:E STATUS:Released Printed: Jul 22, 2010