

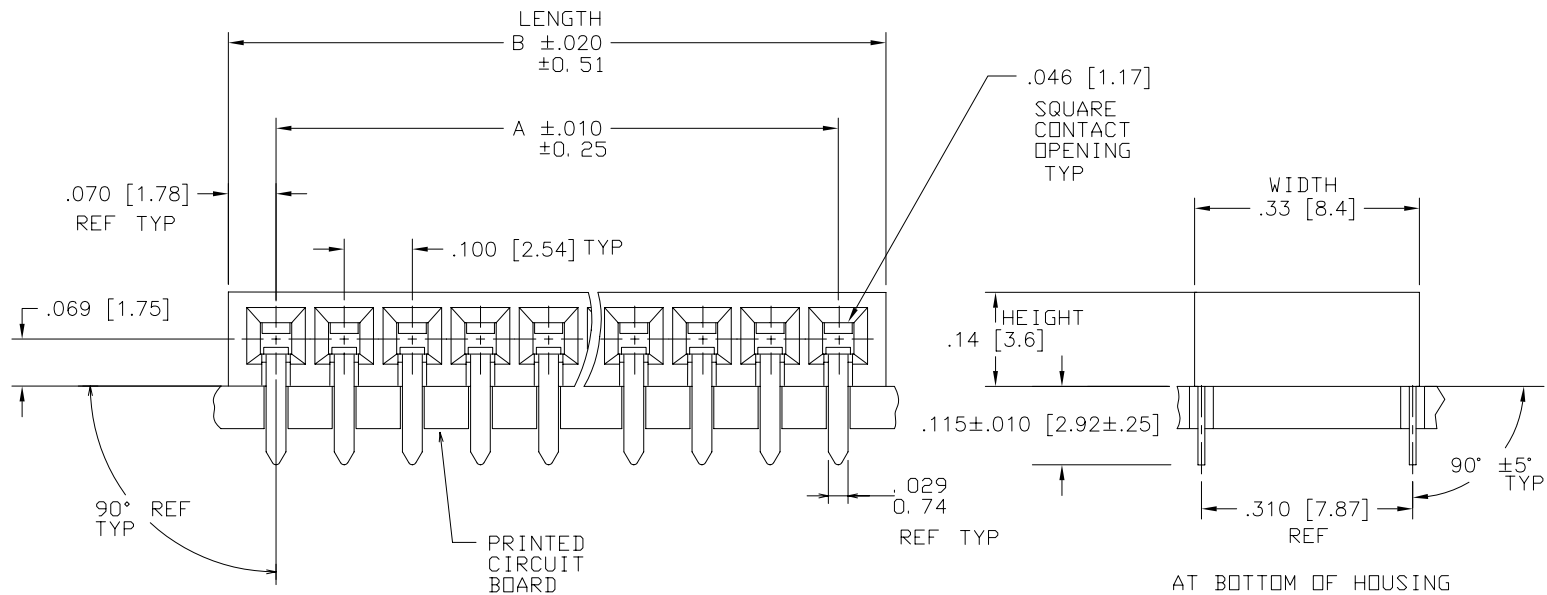


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PRODUCT NO

SEE TABLE



mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☒ ISO 1101		projection 	product family CARD CONN	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles			title	
G	V31271	MRC	2/10/94	linear	.XX±.01/.X±.3		INCH/MM	1X.100/2.54 HORIZ. CARD CONN. , 30 Au		
H	V61635	MDF	11/21/96		.XXX±.0.005/.XXX±.13					
J	V70995	JM	10/19/97		.XXXX±.0020/.XXXX±.051					
				0'±2'			scale 4:1			
K	V02518	MDF	10/24/00	dr	B.ASHRAFI		10/8/81		FCI 	
L	M05-0199	ERE	09/15/05	engr	D.NEIDICH		10/12/81			
M	M06-0210	MHT	6/03/06	chr	R. ALTHOUSE		4/13/82			
				appd	D.NEIDICH		10/12/81			
sheet index		revision sheet	M 1	M 2	M 3	M 4	type Product Customer Drawing			

form: A3

PDM: Rev:M

STATUS:Released

Printed: Dec 12, 2008

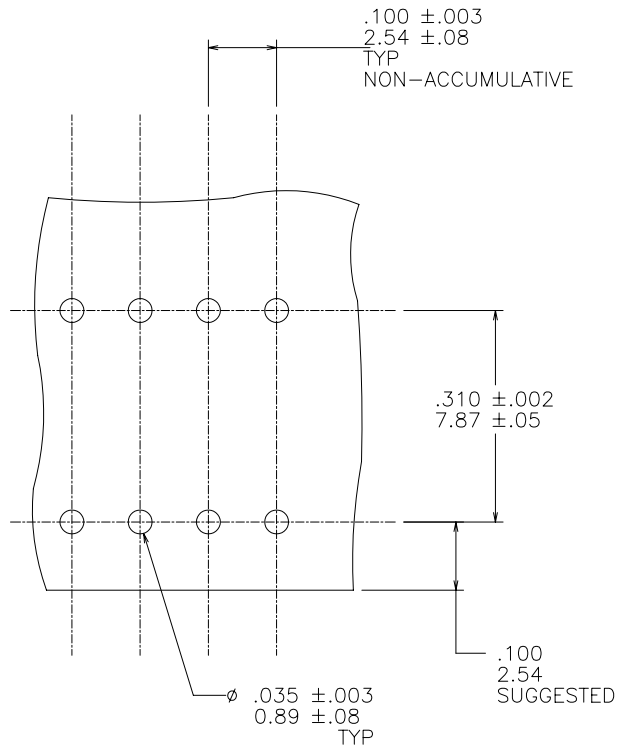


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FIGURE 1
SCALE 4:1

NOTES

- ①. HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON
COLOR. BLACK
- ②. TERMINAL MATERIAL:
BODY: BRASS. .010/.25 THICK.
SPRING: BE-CU. HEAT-TREATED.
BODY PLATING: 30u"/.76u GOLD OVER 50u"/1.27u Ni
IN CONTACT AREA.
SPRING PLATING: GOLD FLASH
3. MARK FCI PART NUMBER AND DATE CODE LEGIBLE
ON TUBE LABEL.
4. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS
SHOWN IN FIGURE #1.
B. ALL MATING PINS TO BE .025/.64 SQUARE ON
TRUE CENTER OF GIVEN TERMINAL SPACINGS
WITHIN .015/.38 DIA.
C. SUGGESTED MATING PIN LENGTH
.350±.020/8.89±.51.
- ⑤. ADD "LF" SUFFIX AT THE END OF PART NUMBER
FOR LEAD FREE OPTION.
- ⑥. THESE PRODUCT MEET EUROPEAN UNION DIRECTIVES
AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN
GS-22-008.
7. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK
TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER,
INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
M				angles	linear		1X.100/2.54 HORIZ. CARD CONN. , 30 Au
				0°±2'			dwg no
							sheet 2 of 4 size
				dr	B.ASHRAFI	10/8/81	66945
				enr	D.NEIDICH	10/12/81	A3
				chr	R. ALTHOUSE	4/13/82	
				appd	D.NEIDICH	10/12/81	
sheet	revision						type
index	sheet						Product Customer Drawing

form: A3



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PRODUCT NO SEE TABLE	NO. OF POS.	DIM A	DIM B	LEAD FREE OPTION
66945-001		DISCONTINUED		NOTE 5
-002	1X2	.10/2.54	.24/6.10	
-003	1X3	.20/5.08	.34/8.64	
-004	1X4	.30/7.62	.44/11.18	
-005	1X5	.40/10.16	.54/13.72	
-006	1X6	.50/12.70	.64/16.26	
-007	1X7	.60/15.24	.74/18.80	
-008	1X8	.70/17.78	.84/21.34	
-009	1X9	.80/20.32	.94/23.88	
-010	1X10	.90/22.86	1.04/26.42	
-011	1X11	1.00/25.40	1.14/28.96	
-012	1X12	1.10/27.94	1.24/31.50	
-013	1X13	1.20/30.48	1.34/34.04	
-014	1X14	1.30/33.02	1.44/36.58	
-015	1X15	1.40/35.56	1.54/39.12	
-016	1X16	1.50/38.10	1.64/41.66	
-017	1X17	1.60/40.64	1.74/44.20	
-018	1X18	1.70/43.18	1.84/46.74	
-019	1X19	1.80/45.72	1.94/49.28	
-020	1X20	1.90/48.26	2.04/51.82	
-021	1X21	2.00/50.80	2.14/54.36	
-022	1X22	2.10/53.34	2.24/56.90	
-023	1X23	2.20/55.88	2.34/59.44	
-024	1X24	2.30/58.42	2.44/61.98	
-025	1X25	2.40/60.96	2.54/64.52	
-026	1X26	2.50/63.50	2.64/67.06	
-027	1X27	2.60/66.04	2.74/69.60	
-028	1X28	2.70/68.58	2.84/72.14	
-029	1X29	2.80/71.12	2.94/74.68	
-030	1X30	2.90/73.66	3.04/77.22	
-031	1X31	3.00/76.20	3.14/79.76	
-032	1X32	3.10/78.74	3.24/82.30	
-033	1X33	3.20/81.28	3.34/84.84	
-034	1X34	3.30/83.82	3.44/87.38	
-035	1X35	3.40/86.36	3.54/89.92	
-036	1X36	3.50/88.90	3.64/92.46	
-037	1X37	3.60/91.44	3.74/95.00	
-038	1X38	3.70/93.98	3.84/97.54	
-039	1X39	3.80/96.52	3.94/100.08	
66945-040	1X40	3.90/99.06	4.04/102.62	NOTE 5

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M				angles	linear		1X.100/2.54 HORIZ. CARD CONN. , 30 Au
				0°±2'			
				dr	B.ASHRAFI	10/8/81	dwg no
				enr	D.NEIDICH	10/12/81	sheet 3 of 4 size
				chr	R. ALTHOUSE	4/13/82	66945 A3
				appd	D.NEIDICH	10/12/81	type Product Customer Drawing
sheet index	revision sheet						

form: A3



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PRODUCT NO SEE TABLE	NO. OF POS.	DIM A	DIM B	SPECIAL INFORMATION	LEAD FREE OPTION
66945-041	1X41	4.00/101.60	4.14/105.16		NOTE 5
-042	1X42	4.10/104.14	4.24/107.70		
-043	1X43	4.20/106.68	4.34/110.24		
-044	1X44	4.30/109.22	4.44/112.78		
-045	1X45	4.40/111.76	4.54/115.32		
-046	1X46	4.50/114.30	4.64/117.86		
-047	1X47	4.60/116.84	4.74/120.40		
-048	1X48	4.70/119.38	4.84/122.94		
-049	1X49	4.80/121.92	4.94/125.48		
-050	1X50	4.90/124.46	5.04/128.02		
-051	1X51	5.00/127.00	5.14/130.56		
-052	1X52	5.10/129.54	5.24/133.10		
-800	1X24	2.30/58.42	2.44/61.98	CUSTOMER RESTRICTED	NOTE 5
66945-801	1X48	4.70/119.4	4.84/12.29		

OBSOLETE
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mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN		
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M					angles	linear	INCH/MM	1X.100/2.54 HORIZ. CARD CONN. , 30 Au	
					0'±2"		scale 4:1	dwg no	sheet 4 of 4
					dr	B.ASHRAFI	10/8/81	66945	A3
					enr	D.NEIDICH	10/12/81		
					chr	R. ALTHOUSE	4/13/82		
					appd	D.NEIDICH	10/12/81		
sheet index	revision sheet							type	Product Customer Drawing