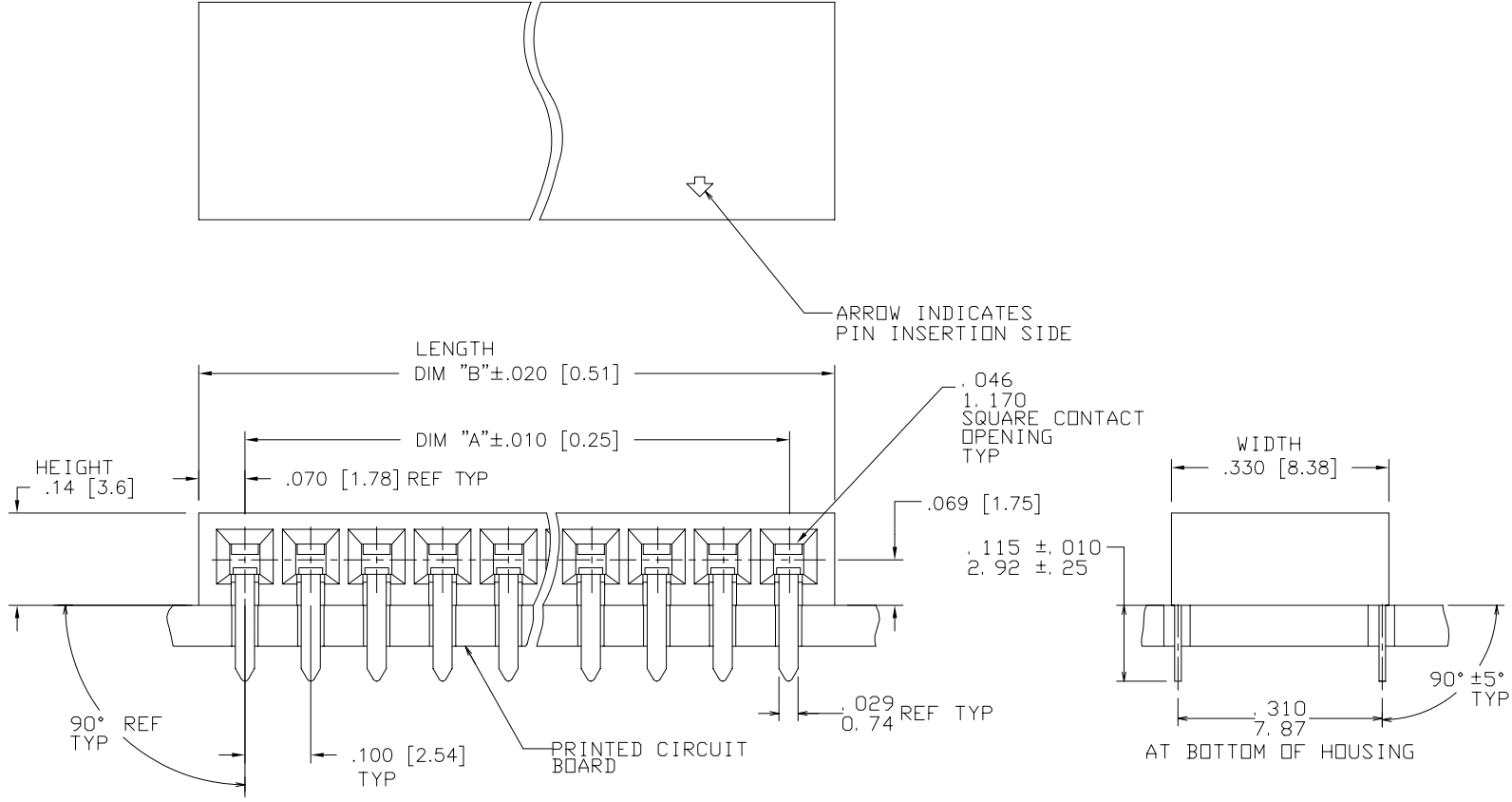




FCIconnect.com

Copyright FCI

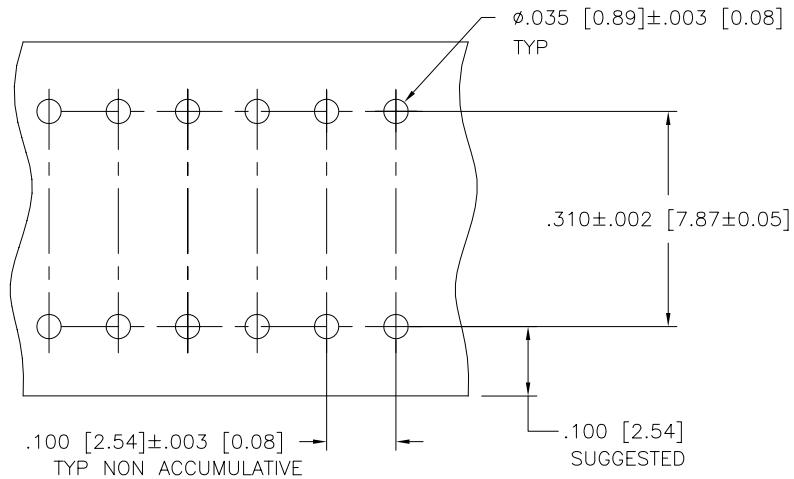
PRODUCT NO  
SEE TABLE



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		INCH/MM		title		
D	REVISED	WJC	4/22/85	angles	linear	.XX±.01/.X±.3		1X.100/2.54 HORIZ. CARD CONNECTOR		
E	REVISED	EBY	2/4/86			.XXX±.0.005/.XX±.13		dwg no		
F	V61635	MDF	11/22/96	0'±2'		.XXXX±.0020/.XXX±.051		sheet 1 of 4 size		
G	V70995	JM	10/19/97	dr	B. ASHRAFI	10/8/81		66944		
H	V02518	MDF	10/24/00	enrg	D.NEIDICH	10/8/81		A3		
J	M05-0199	ERE	09/05/05	chr	D.NEIDICH	10/12/81		type Product Customer Drawing		
K	M06-0210	MHT	6/03/06	appd	D.NEIDICH	10/12/81				
sheet	revision	K	K	K	K					
index	sheet	1	2	3	4					

form: A3

PRODUCT NO  
SEE TABLE



RECOMMENDED MOUNTING  
HOLE PATTERN  
SCALE 4/1  
FIGURE # 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: 15u"/0.38u Au OVER .50u"/1.27u Ni IN CONTACT AREA.  
SPRING PLATING: Au FLASH.
3. MARKING: 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 .025/0.64 SQUARE ON TRUE  
CENTER OF GIVEN TERMINAL. SPACING WITHIN .015/0.38 DIA.  
C. SUGGESTED MATING PIN LENGTH .350±.020/8.89±0.51.
- 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 ⊕		product family CARD CONN	
ltr	ecn	no	dr	date		tolerances unless otherwise specified		title	
K						angles	linear	1X.100/2.54 HORIZ. CARD CONNECTOR	
						0'±2'	linear	scale 4:1	
						dr	B. ASHRAFI	10/8/81	
						enr	D.NEIDICH	10/8/81	
						chr	D.NEIDICH	10/12/81	
						appd	D.NEIDICH	10/12/81	
sheet	revision							FCI	
index	sheet							type Product Customer Drawing	

PRODUCT NO.	NO OF POS	DIM "A"	DIM "B"	LEAD FREE OPTION
66944-001	1X1	.000/0.00	.140/3.56	
-002	1X2	.100/2.54	.240/6.10	
-003	1X3	.200/5.08	.340/8.64	
-004	1X4	.300/7.62	.440/11.18	
-005	1X5	.400/10.16	.540/13.72	
-006	1X6	.500/12.70	.640/16.26	
-007	1X7	.600/15.24	.740/18.80	
-008	1X8	.700/17.78	.840/21.34	
-009	1X9	.800/20.32	.940/23.88	
-010	1X10	.900/22.86	1.040/26.42	
-011	1X11	1.000/25.40	1.140/28.96	
-012	1X12	1.100/27.94	1.240/31.50	
-013	1X13	1.200/30.48	1.340/34.04	
-014	1X14	1.300/33.02	1.440/36.58	
-015	1X15	1.400/35.56	1.540/39.12	
-016	1X16	1.500/38.10	1.640/41.66	
-017	1X17	1.600/40.64	1.740/44.20	
-018	1X18	1.700/43.18	1.840/46.74	
-019	1X19	1.800/45.72	1.940/49.28	
-020	1X20	1.900/48.26	2.040/51.82	
-021	1X21	2.000/50.80	2.140/54.36	
-022	1X22	2.100/53.34	2.240/56.90	
-023	1X23	2.200/55.88	2.340/59.44	
-024	1X24	2.300/58.42	2.440/61.98	
-025	1X25	2.400/60.96	2.540/64.52	
-026	1X26	2.500/63.50	2.640/67.06	
-027	1X27	2.600/66.04	2.740/69.60	
-028	1X28	2.700/68.58	2.840/72.14	
-029	1X29	2.800/71.12	2.940/74.68	
-030	1X30	2.900/73.66	3.040/77.22	
-031	1X31	3.000/76.20	3.140/79.76	
-032	1X32	3.100/78.74	3.240/82.30	
-033	1X33	3.200/81.28	3.340/84.84	
-034	1X34	3.300/83.82	3.440/87.38	
-035	1X35	3.400/86.36	3.540/89.92	
-036	1X36	3.500/88.90	3.640/92.46	
-037	1X37	3.600/91.44	3.740/95.00	
-038	1X38	3.700/93.98	3.840/97.54	
-039	1X39	3.800/96.52	3.940/100.08	
66944-040	1X40	3.900/99.06	4.040/102.62	

OBSOLETE

NOTE 5

NOTE 5



FCIconnect.com

Copyright FCI

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN
ltr	ecn no	dr	date	tolerances unless otherwise specified	title
K				angles linear .XX±.01/.X±.3 .XXX±.0.005/.XX±.13 XXXX±.0020/XXX±.051	1X.100/2.54 HORIZ. CARD CONNECTOR
				0'±2'	INCH/MM scale 4:1
		dr	B. ASHRAFI	10/8/81	dwg no
		enr	D.NEIDICH	10/8/81	sheet 3 of 4 size
		chr	D.NEIDICH	10/12/81	66944
		appd	D.NEIDICH	10/12/81	A3
sheet index	revision sheet				type Product Customer Drawing



form: A3

PRODUCT NO.	NO OF POS	DIM "A"	DIM "B"	LEAD FREE OPTION
66944.-041	1X41	4.000/101.60	4.140/105.16	NOTE 5
-042	1X42	4.100/104.14	4.240/107.70	
-043	1X43	4.200/106.68	4.340/110.24	
-044	1X44	4.300/109.22	4.440/112.78	
-045	1X45	4.400/111.76	4.540/115.32	
-046	1X46	4.500/114.30	4.640/117.86	
-047	1X47	4.600/116.84	4.740/120.40	
-048	1X48	4.700/119.38	4.840/122.94	
-049	1X49	4.800/121.92	4.940/125.48	
-050	1X50	4.900/124.46	5.040/128.02	
66944-051	1X51	5.000/127.00	5.140/130.56	NOTE 5
66944-052	1X52	5.100/129.54	5.240/133.10	



Copyright FCJ

mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN	
ltr	ecr	no	dr	date		tolerances unless otherwise specified		title	
K						.XX±.01/.X±.3 linear .XXX±.0.005/.XX±.13 XXXX±.0020/.XXX±.051		1X.100/2.54 HORIZ. CARD CONNECTOR	
						scale 4:1		dwg no sheet 4 of 4 size	
				dr B. ASHRAFI 10/8/81				66944 A3	
				enr D.NEIDICH 10/8/81				type Product Customer Drawing	
				chr D.NEIDICH 10/12/81					
				appd D.NEIDICH 10/12/81					
sheet index	revision sheet								