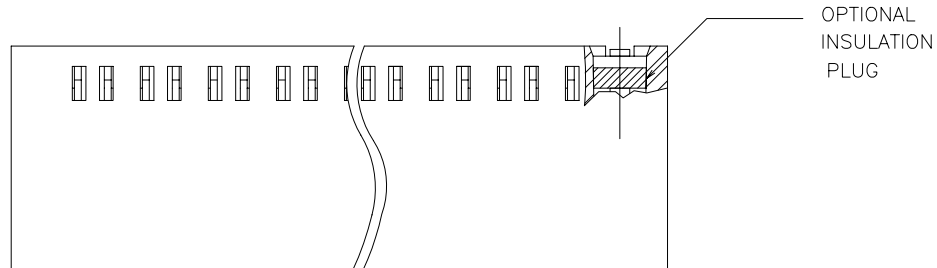




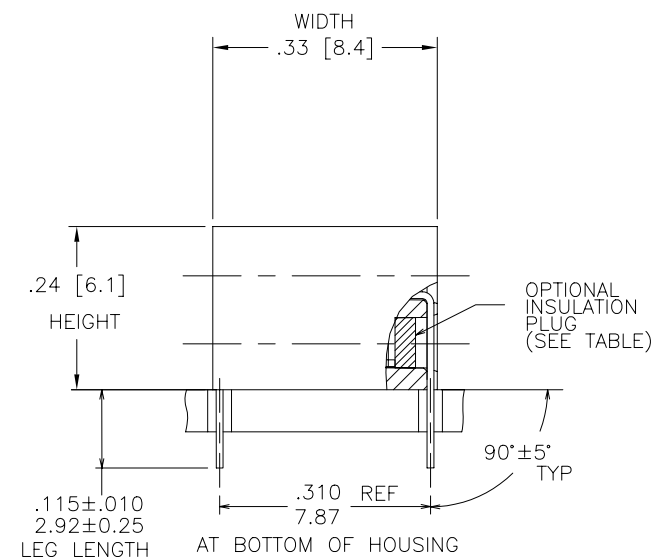
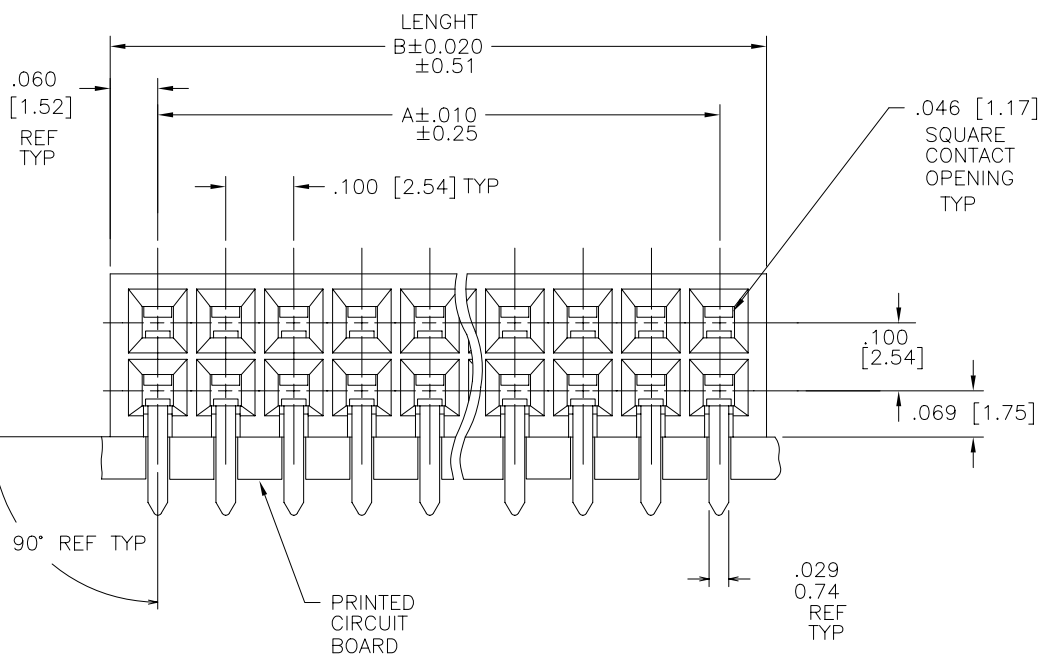
FCIconnect.com

Copyright FCI

PRODUCT NO
SEE TABLE



OPTIONAL
INSULATION
PLUG

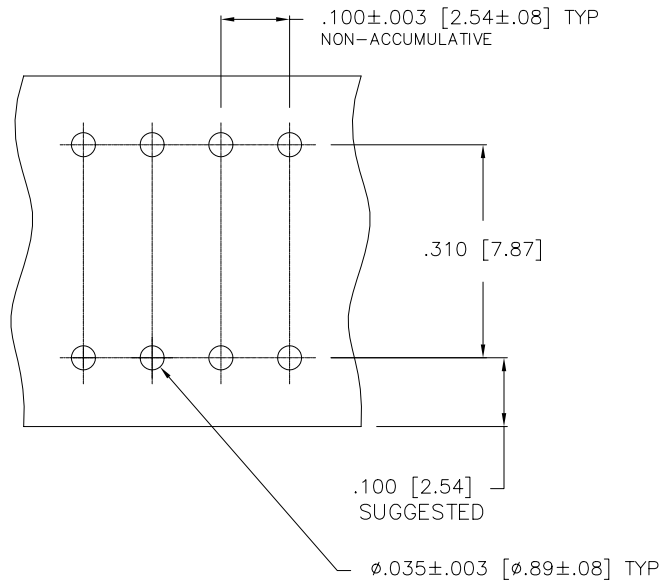


mat'l. code -				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101	projection INCH/MM	product family CARD CONN			
ltr	ecn	no	dr	date	tolerances unless otherwise specified		scale 4:1	title 2 x .100/2.54 HORIZ. CARD CONNECTOR			
E	v23195	MRC	2/8/94		angles	linear		dwg no 67120 A3			
F	v61642	LSS	11/26/96								
G	v70997	EPK	9/24/97		0° ± 2'						
H	v02518	MDF	10/27/00	dr	B. ASHREFI	10/8/81	FCI		sheet 1 of 6 size		
J	M05-0181	MHT	8/17/05	enrg	D. NEIDICH	10/12/81			type Product Customer Drawing		
K	M06-0117	AEA	06/26/06	chr	D. NEIDICH	10/12/81					
sheet index				revision	K	K	K	K	K	K	K
sheet				1	2	3	4	5	6		

form: A3

PRODUCT NO

SEE TABLE

FIGURE 1
SCALE 4:1

NOTES:

- ①. HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON
COLOR: BLACK
- ②. TERMINAL MATERIAL:
BODY: BRASS, .010 [0.25] THICK
SPRING: BE-CU, HEAT TREATED
BODY PLATING:
15u"/0.38u GOLD OVER 50u"/1.27u NICKEL
IN CONTACT AREA.
SPRING PLATING: GOLD FLASH
3. 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
SPACINGS WITHIN .015 [0.38] DIA.
C. SUGGESTED MATING PIN LENGTH
.350[8.89]±.020[0.51]
- ④ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑤ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
6. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE
SOLDER PROCESS.

mat'l. code				surface	tolerance	projection	product family			
-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN			
ltr	ecr	no	dr	date	tolerances unless otherwise specified		title			
K					angles linear		2 x .100/2.54 HORIZ.			
					0°±2'		CARD CONNECTOR			
					dr	B. ASHREFI	10/8/81	dwg no		sheet2 of 6 size
					enr	D. NEIDICH	10/12/81	67120		A3
					chr	D. NEIDICH	10/12/81	type Product Customer Drawing		
					appd	D. NEIDICH	10/12/81			
sheet	revision									
index	sheet									



FCIconnect.com

Copyright FCI

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
67120-001	2X1	.00/.0	.14/3.56	NO	NOTE 5,6
-002	2X2	.10/2.54	.24/6.10		
-003	2X3	.20/5.08	.34/8.64		
-004	2X4	.30/7.62	.44/11.18		
-005	2X5	.40/10.16	.54/13.72		
-006	2X6	.50/12.70	.64/16.26		
-007	2X7	.60/15.24	.74/18.80		
-008	2X8	.70/17.78	.84/21.34		
-009	2X9	.80/20.32	.94/23.88		
-010	2X10	.90/22.86	1.04/26.42		
-011	2X11	1.00/25.40	1.14/28.96		
-012	2X12	1.10/27.94	1.24/31.50		
-013	2X13	1.20/30.48	1.34/34.04		
-014	2X14	1.30/33.02	1.44/36.58		
-015	2X15	1.40/35.56	1.54/39.12		
-016	2X16	1.50/38.10	1.64/41.66		
-017	2X17	1.60/40.64	1.74/44.20		
-018	2X18	1.70/43.18	1.84/46.74		
-019	2X19	1.80/45.72	1.94/49.28		
-020	2X20	1.90/48.26	2.04/51.82		
-021	2X21	2.00/50.80	2.14/54.36		
-022	2X22	2.10/53.34	2.24/56.90		
-023	2X23	2.20/55.88	2.34/59.44		
-024	2X24	2.30/58.42	2.44/61.98		
-025	2X25	2.40/60.96	2.54/64.52		
-026	2X26	2.50/63.50	2.64/67.06		
-027	2X27	2.60/66.04	2.74/69.60		
-028	2X28	2.70/68.58	2.84/72.14		
-029	2X29	2.80/71.12	2.94/74.68		
-030	2X30	2.90/73.66	3.04/77.22		
-031	2X31	3.00/76.20	3.14/79.76		
-032	2X32	3.10/78.74	3.24/82.30		
-033	2X33	3.20/81.28	3.34/84.84		
-034	2X34	3.30/83.82	3.44/87.38		
-035	2X35	3.40/86.36	3.54/89.92		
-036	2X36	3.50/88.90	3.64/92.46		
-037	2X37	3.60/91.44	3.74/95.00		
-038	2X38	3.70/93.98	3.84/97.54		
-039	2X39	3.80/96.52	3.94/100.08		
67120-040	2X40	3.90/99.06	4.04/102.62	NO	NOTE 5,6

mat'l. code				surface		tolerance		projection		product family			
-				ISO 1302		ISO 406				CARD CONN			
ltr				ecn		no		date		title			
K										2 x .100/2.54 HORIZ.			
				angles		linear				CARD CONNECTOR			
				0'±2'						scale 4:1			
				dr		B. ASHREFI		10/8/81		dwg no			
				enr		D. NEIDICH		10/12/81		sheet 3 of 6			
				chr		D. NEIDICH		10/12/81		size			
				appd		D. NEIDICH		10/12/81		A3			
sheet				revision						type			
index				sheet						Product Customer Drawing			

form: A3



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
67120-041	2X41	4.00/101.60	4.14/105.16	NO	NOTE 5,6
-042	2X42	4.10/104.14	4.24/107.70		
-043	2X43	4.20/106.68	4.34/110.24		
-044	2X44	4.30/109.22	4.44/112.78		
-045	2X45	4.40/111.76	4.54/115.32		
-046	2X46	4.50/114.30	4.64/117.86		
-047	2X47	4.60/116.84	4.74/120.40		
-048	2X48	4.70/119.38	4.84/122.94		
-049	2X49	4.80/121.92	4.94/125.48		
-050	2X50	4.90/124.46	5.04/128.02		
-051	2X51	5.00/127.00	5.14/130.56		
-052	2X52	5.10/129.54	5.24/133.10		
-053	2X53	5.20/132.08	5.34/135.64		
-054	2X54	5.30/134.62	5.44/138.18		
-055	2X55	5.40/137.16	5.54/140.72		
-056	2X56	5.50/139.70	5.64/143.26		
-057	2X57	5.60/142.24	5.74/145.80		
-058	2X58	5.70/144.78	5.84/148.34		
-059	2X59	5.80/147.32	5.94/150.88		
-060	2X60	5.90/149.86	6.04/153.42		
-061	2X61	6.00/152.40	6.14/155.96		
-062	2X62	6.10/154.94	6.24/158.50		
-063	2X63	6.20/157.48	6.34/161.04		
-064	2X64	6.30/160.02	6.44/163.58		
67120-065	2X65	6.40/162.56	6.54/166.12	NO	

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 4:1	title
K					angles linear .XX±.01/.3		2 x .100/2.54 HORIZ.
					0'±2' .XXX ±.005/.13		CARD CONNECTOR
					.XXXX ±.0020/.051		
			dr	B. ASHREFI	10/8/81		dwg no
			enr	D. NEIDICH	10/12/81		sheet 4 of 6 size
			chr	D. NEIDICH	10/12/81		67120 A3
			appd	D. NEIDICH	10/12/81		type Product Customer Drawing
sheet index	revision sheet						



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
67120-501	2X1	.00/.0	.14/3.56	YES	NOTE 5,6
-502	2X2	.10/2.54	.24/6.10		
-503	2X3	.20/5.08	.34/8.64		
-504	2X4	.30/7.62	.44/11.18		
-505	2X5	.40/10.16	.54/13.72		
-506	2X6	.50/12.70	.64/16.26		
-507	2X7	.60/15.24	.74/18.80		
-508	2X8	.70/17.78	.84/21.34		
-509	2X9	.80/20.32	.94/23.88		
-510	2X10	.90/22.86	1.04/26.42		
-511	2X11	1.00/25.40	1.14/28.96		
-512	2X12	1.10/27.94	1.24/31.50		
-513	2X13	1.20/30.48	1.34/34.04		
-514	2X14	1.30/33.02	1.44/36.58		
-515	2X15	1.40/35.56	1.54/39.12		
-516	2X16	1.50/38.10	1.64/41.66		
-517	2X17	1.60/40.64	1.74/44.20		
-518	2X18	1.70/43.18	1.84/46.74		
-519	2X19	1.80/45.72	1.94/49.28		
-520	2X20	1.90/48.26	2.04/51.82		
-521	2X21	2.00/50.80	2.14/54.36		
-522	2X22	2.10/53.34	2.24/56.90		
-523	2X23	2.20/55.88	2.34/59.44		
-524	2X24	2.30/58.42	2.44/61.98		
-525	2X25	2.40/60.96	2.54/64.52		
-526	2X26	2.50/63.50	2.64/67.06		
-527	2X27	2.60/66.04	2.74/69.60		
-528	2X28	2.70/68.58	2.84/72.14		
-529	2X29	2.80/71.12	2.94/74.68		
-530	2X30	2.90/73.66	3.04/77.22		
-531	2X31	3.00/76.20	3.14/79.76		
-532	2X32	3.10/78.74	3.24/82.30		
-533	2X33	3.20/81.28	3.34/84.84		
-534	2X34	3.30/83.82	3.44/87.38		
-535	2X35	3.40/86.36	3.54/89.92		
-536	2X36	3.50/88.90	3.64/92.46		
-537	2X37	3.60/91.44	3.74/95.00		
-538	2X38	3.70/93.98	3.84/97.54		
-539	2X39	3.80/96.52	3.94/100.08		
67120-540	2X40	3.90/99.06	4.04/102.62	YES	NOTE 5,6

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101		CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified	 INCH/MM scale 4:1	title
K					angles linear .XX±.01/.3		2 x .100/2.54 HORIZ.
					0'±2' .XXX ±.005/.13 .XXXX ±.0020/.051		CARD CONNECTOR
				dr	B. ASHREFI 10/8/81		dwg no
				enr	D. NEIDICH 10/12/81		sheet5 of 6 size
				chr	D. NEIDICH 10/12/81		67120 A3
				appd	D. NEIDICH 10/12/81		type Product Customer Drawing
sheet index	revision sheet						



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
67120-541	2X41	4.00/101.60	4.14/105.16	YES	NOTE 5,6
-542	2X42	4.10/104.14	4.24/107.70		
-543	2X43	4.20/106.68	4.34/110.24		
-544	2X44	4.30/109.22	4.44/112.78		
-545	2X45	4.40/111.76	4.54/115.32		
-546	2X46	4.50/114.30	4.64/117.86		
-547	2X47	4.60/116.84	4.74/120.40		
-548	2X48	4.70/119.38	4.84/122.94		
-549	2X49	4.80/121.92	4.94/125.48		
-550	2X50	4.90/124.46	5.04/128.02		
-551	2X51	5.00/127.00	5.14/130.56		
-552	2X52	5.10/129.54	5.24/133.10		
-553	2X53	5.20/132.08	5.34/135.64		
-554	2X54	5.30/134.62	5.44/138.18		
-555	2X55	5.40/137.16	5.54/140.72		
-556	2X56	5.50/139.70	5.64/143.26		
-557	2X57	5.60/142.24	5.74/145.80		
-558	2X58	5.70/144.78	5.84/148.34		
-559	2X59	5.80/147.32	5.94/150.88		
-560	2X60	5.90/149.86	6.04/153.42		
-561	2X61	6.00/152.40	6.14/155.96		
-562	2X62	6.10/154.94	6.24/158.50		
-563	2X63	6.20/157.48	6.34/161.04		
-564	2X64	6.30/160.02	6.44/163.58		
67120-565	2X65	6.40/162.56	6.54/166.12	YES	

mat'l. code				surface	tolerance	projection	product family
-				ISO 1302 ✓	ISO 406 ISO 1101	 INCH/MM scale 4:1	CARD CONN
ltr	ecn	no	dr	date	tolerances unless otherwise specified		title
K					angles linear .XX±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		2 x .100/2.54 HORIZ. CARD CONNECTOR
					0'±2'		
			dr	B. ASHREFI	10/8/81		dwg no
			enr	D. NEIDICH	10/12/81		sheet 6 of 6 size
			chr	D. NEIDICH	10/12/81		67120 A3
			appd	D. NEIDICH	10/12/81		type Product Customer Drawing
sheet index	revision sheet						