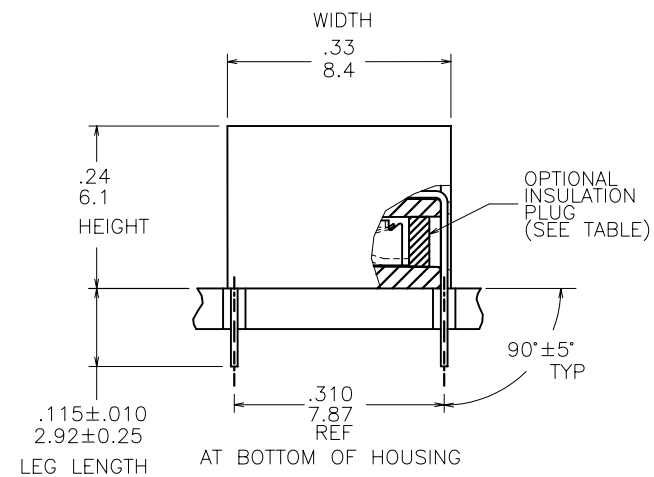
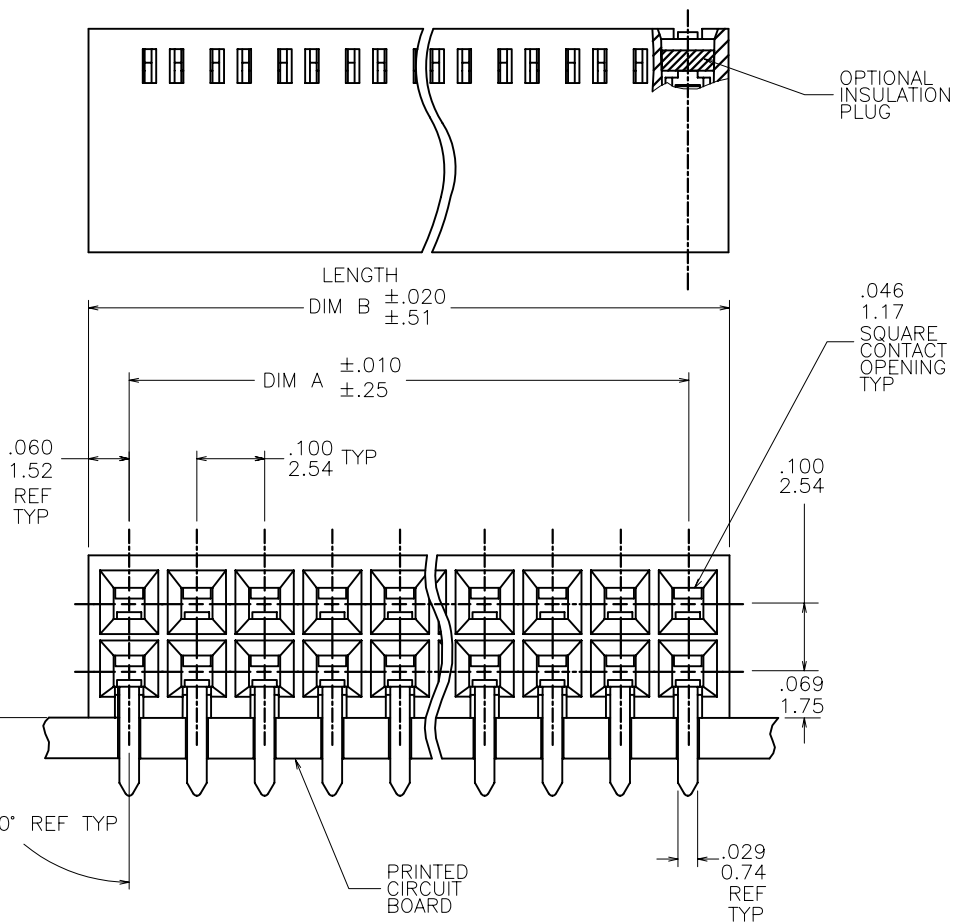
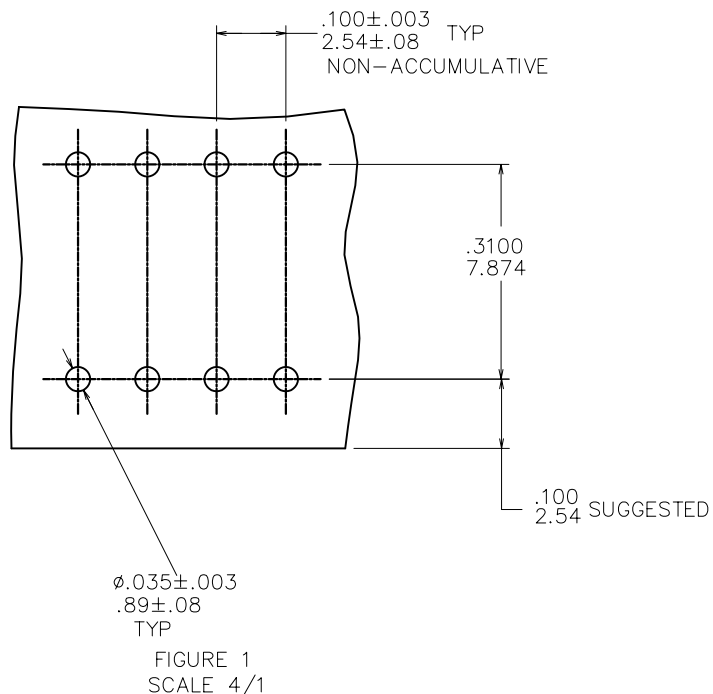


PRODUCT NO
SEE TABLE



mat'l. code				surface	tolerance	projection	product family
-				ISO 1302	ISO 406 ISO 1101		CARD CONN
ltr	ec'n no	dr	date	tolerances unless otherwise specified			title
K	V61641	LSS	12/3/96	angles	linear	INCH/MM	2 x .100/2.54 HORIZ. CARD CONNECTOR
L	V70997	EPK	9/24/97			scale 4:1	
M	V02518	MDF	10/27/00	0° $\pm 2^\circ$			
N	M05-018	MHT	8/17/05	dr	E.J. HALEY	10/29/87	dwg no
P	M06-0117	AEA	6/26/06	engr	M. HAHN	10/29/87	sheet 1 of 6 size
R	M07-0137	MHT	2/26/07	chr	M. HAHN	10/29/87	67118 A3
S	M08-0232	MHT	8/14/08	appd	M. HAHN	10/29/87	type Product Customer Drawing
sheet	revision	S	S	S	S	S	
index	sheet	1	2	3	4	5	6

PRODUCT NO
SEE TABLE



8. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
9. THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WISKER GROWTH IN ALL INTERCONNECT REQUIREMENTS
10. PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

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:
30 MICROINCH/0.76 MICRON GOLD OR GXT
OVER 50 MICROINCH/1.27 MICRON NICKEL
IN CONTACT AREA
SOLDERTAIL PLATING:
100 MICROINCH/2.54 MICRON PURE TIN (NOTE 9)
OVER 50 MICROINCH/1.27 MICRON NICKEL
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. SPECIAL MARKING
- ⑤. TERMINAL MATERIAL:
BODY: BRASS, .010/0.25 THICK
SPRING: BE-CU, HEAT TREATED
BODY PLATING:
30 MICROINCH/0.76 MICRON GOLD
OVER 50 MICROINCH/1.27 MICRON NICKEL
IN CONTACT AREA
SOLDERTAIL PLATING:
3 MICROINCH/.076 MICRON GOLD
OVER 50 MICROINCH/1.27 MICRON NICKEL
SPRING PLATING: GOLD FLASH
- ⑥. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑦. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008

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							
S				angles	linear	XXX ±.01/XX±.03			INCH/MM	2 x .100/2.54 HORIZ. CARD CONNECTOR	
						XXX ±.005/XX±.013					
				0°±2°		XXXX ±.0020/XXX±.0051					
				dr	E.J. HALEY	10/29/87			dwg no	sheet 2 of 6	size
				engr	M. HAHN	10/29/87			67118	A3	
				chr	M. HAHN	10/29/87					
				appd	M. HAHN	10/29/87					
sheet index		revision sheet									



Copyright FCI

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	PLATING	LEAD FREE OPTION	
67118-001	2X1	.00/.0	.14/3.56	NO		NOTE 6,7	OBSOLETE
-002	2X2	.10/2.54	.24/6.10		NOTE 5		
-003	2X3	.20/5.08	.34/8.64		NOTE 5		
-004	2X4	.30/7.62	.44/11.18		NOTE 5		
-005	2X5	.40/10.16	.54/13.72		NOTE 2		
-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				
67118-040	2X40	3.90/99.06	4.04/102.62	NO	NOTE 2	NOTE 6,7	

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							
S				angles	linear	.XX±.01/XX±.03		INCH/MM		title 2 x .100/2.54 HORIZ. CARD CONNECTOR	
						.XXX ±.005/XX±.013					
						.XXX ±.0020/XXX±.0051		scale 4:1			
				dr	E.J. HALEY	10/29/87				dwg no	
				engr	M. HAHN	10/29/87				sheet 3 of 6 size	
				chr	M. HAHN	10/29/87				67118 A3	
				appd	M. HAHN	10/29/87				type Product Customer Drawing	
sheet index	revision	sheet									

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	PLATING	LEAD FREE OPTION
67118-041	2X41	4.00/101.60	4.14/105.16	NO	NOTE 2	NOTE 6,7
-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			
67118-065	2X65	6.40/162.56	6.54/166.12	NO	NOTE 2	NOTE 6,7

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN	
ltr	ecr no	dr	date	tolerances unless otherwise specified							
S				angles	linear	.XX±.01/XX±.03		INCH/MM		title 2 x .100/2.54 HORIZ. CARD CONNECTOR	
				0°±2°		.XXX ±.005/XX±.013		scale 4:1		dwg no 67118	
						.XXXX ±.0020/XXX±.0051				sheet 4 of 6 size A3	
				dr	E.J. HALEY	10/29/87				type Product Customer Drawing	
				engr	M. HAHN	10/29/87					
				chr	M. HAHN	10/29/87					
				appd	M. HAHN	10/29/87					
sheet index	revision	sheet									

PRODUCT NO	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	PLATING	LEAD FREE OPTION
67118-501	2X1	.00/-0	.14/3.56	YES		NOTE 6,7
-502	2X2	.10/2.54	.24/6.10		NOTE 5	
-503	2X3	.20/5.08	.34/8.64		NOTE 5	
-504	2X4	.30/7.62	.44/11.18		NOTE 5	
-505	2X5	.40/10.16	.54/13.72		NOTE 2	
-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			
67118-540	2X40	3.90/99.06	4.04/102.62	YES	NOTE 2	NOTE 6,7

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family CARD CONN	
ltr	ec'n no	dr	date	tolerances unless otherwise specified							
S				angles	linear	.XX±.01/XX±0.3		INCH/MM		title 2 x .100/2.54 HORIZ. CARD CONNECTOR	
				0°±2°		.XXX ±.005/XX±0.13		scale 4:1		dwg no 67118	
						.XXX ±.0020/XXX±0.051				sheet 5 of 6 size A3	
				dr	E.J. HALEY	10/29/87		FCJ		type Product Customer Drawing	
				engr	M. HAHN	10/29/87					
				chr	M. HAHN	10/29/87					
				appd	M. HAHN	10/29/87					
sheet index	revision										
	sheet										

PRODUCT NO		NO. OF POS.	DIM A	DIM B	INSUL. PLUG	CUSTOMER RESTRICTED	PLATING	LEAD FREE OPTION
67118--541	2X41	4.00/101.60	4.14/105.16				NOTE 2	NOTE 6,7
↑	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	↑				
↑	2X65	6.40/162.56	6.54/166.12	YES				
67118--801	2X50	4.90/124.46	5.04/128.02	NO	YES		NOTE 2	NOTE 6,7

[illegible]