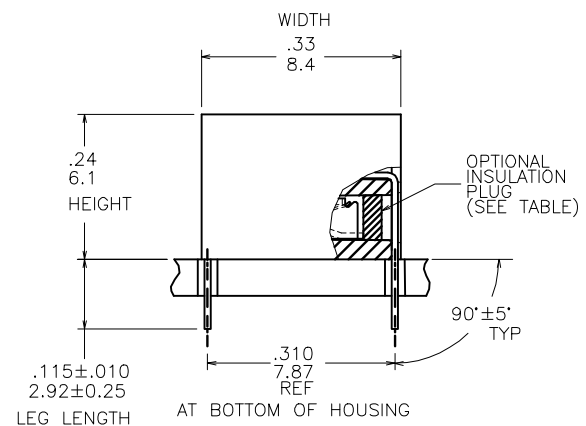
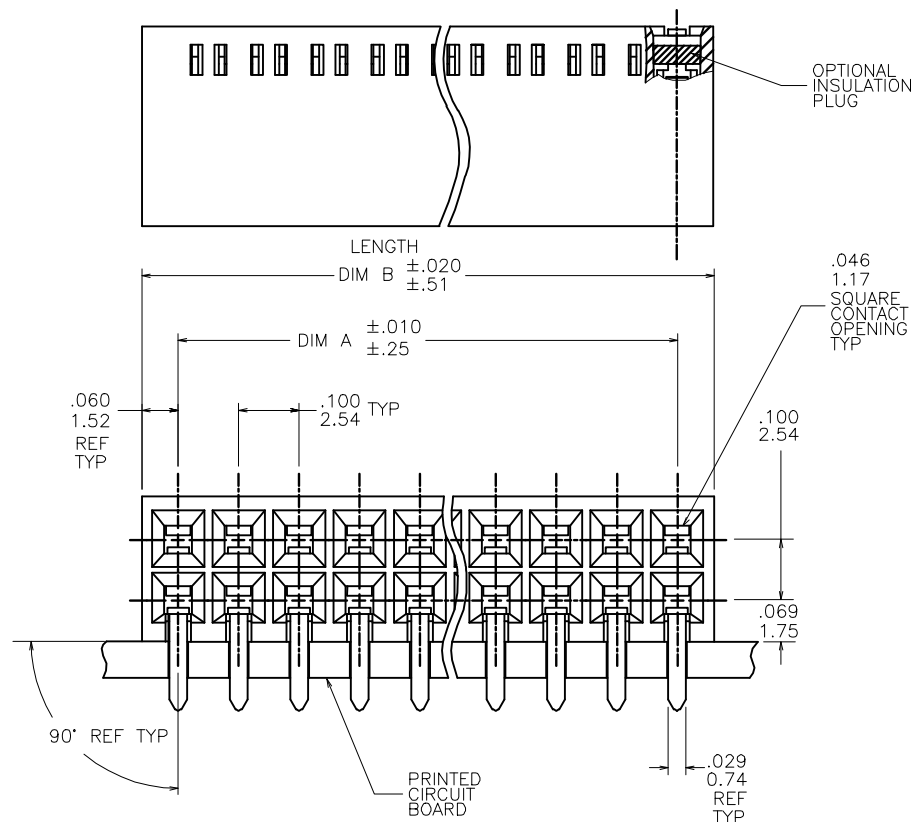


PRODUCT NO
SEE TABLE



mat'l. code				surface	tolerance	projection	product family
—				ISO 1302	ISO 406 ISO 1101	INCH/MM	CARD CONN
lir	ecn no	dr	date	tolerances unless otherwise specified		INCH/MM	title
L	V70997	EPK	9/24/97	angles	linear		
M	V02518	MDF	10/27/00			scale 4:1	2 x .100/2.54 HORIZ. CARD CONNECTOR
N	M05-0181	MHT	8/17/05	0° ±2°			
P	M06-0117	AEA	6/26/06	dr	E.J. HALEY	10/29/87	dwg no
R	M07-0137	MHT	2/26/07	engr	M. HAHN	10/29/87	sheet 1 of 6 size
S	M08-0232	MHT	8/14/08	chr	M. HAHN	10/29/87	67118 A3
T	M09-0093	MHT	6/22/09	appd	M. HAHN	10/29/87	type Product Customer Drawing
sheet	revision	T	T	T	T	T	
index	sheet	1	2	3	4	5	6

PRODUCT NO
SEE TABLE

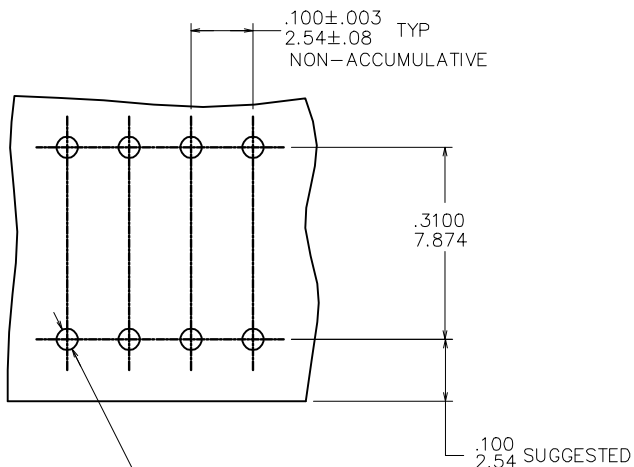


FIGURE 1
SCALE 4/1

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 1502		ISO 406 ISO 1101	ISO 1101	CARD CONN	
ltr	ecr no	dr	date	tolerances unless otherwise specified		title	
T				angles	linear	2 x .100/2.54 HORIZ. CARD CONNECTOR	
				0'±2'	linear	scale 4:1	
				dr	E.J. HALEY	10/29/87	
				engr	M. HAHN	10/29/87	
				chr	M. HAHN	10/29/87	
				appd	M. HAHN	10/29/87	
sheet	revision						
index	sheet						



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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	-- --	OBSOLETE		
-003	2X3	-- -- .20/5.08	-- -- .34/8.64	NOTE 5	-- --	OBSOLETE		
-004	2X4	-- -- .30/7.62	-- -- .44/11.18	NOTE 5	-- --	OBSOLETE		
-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	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101		CARD CONN
litr	ecr no	dr	date	title
T				2 x .100/2.54 HORIZ. CARD CONNECTOR
				dwg no
				67118
				sheet 3 of 6
				size A3
				type Product Customer Drawing
sheet index	revision	sheet		

form: A3

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		INCH/MM		title	
T				angles	linear	.XX±.01/XX±.03 .XXX ±.005/XXX±.013 .XXX ±.0020/XXX±.0051		2 x .100/2.54 HORIZ. CARD CONNECTOR	
				0'±2'		scale 4:1		dwg no	
				dr	E.J. HALEY	10/29/87	sheet 4 of 6		size
				engr	M. HAHN	10/29/87	67118		A3
				chr	M. HAHN	10/29/87	type		Product Customer Drawing
				appd	M. HAHN	10/29/87			
sheet index	revision	sheet							



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form A3

1		2		3		4		5		6			
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		OBSOLETE	
-503		2X3		.20/5.08		.34/8.64				NOTE 5		OBSOLETE	
-504		2X4		.30/7.62		.44/11.18				NOTE 5		OBSOLETE	
-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	

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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		title			
T								angles		linear		INCH/MM	
								0°±2'		linear		scale 4:1	
								dr		E.J. HALEY		10/29/87	
								engr		M. HAHN		10/29/87	
								chr		M. HAHN		10/29/87	
								appd		M. HAHN		10/29/87	
sheet index		revision		sheet									

2 x .100/2.54 HORIZ.		sheet 5 of 6		size	
CARD CONNECTOR		67118		A3	
type		Product Customer Drawing			

form: A3

1

2

3

4

5

6

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form: A3

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	YES		NOTE 2	NOTE 6,7
-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				
-565	2X65	6.40/162.56	6.54/166.12	YES		NOTE 2	NOTE 6,7
67118-801	2X50	4.90/124.46	5.04/128.02	NO	YES	NOTE 2	NOTE 6,7

NOTE 5

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					
T				angles	linear	XXX ± 0.1/XXX ± 0.3	INCH/MM	2 x .100/2.54 HORIZ. CARD CONNECTOR	
						XXX ± 0.05/XXX ± 0.13			
				0° ± 2°		XXX ± 0.020/XXX ± 0.051	scale 4:1		
				dr	E.J. HALEY	10/29/87		dwg no	
				engr	M. HAHN	10/29/87		sheet 6 of 6	
				chr	M. HAHN	10/29/87		size	
				appd	M. HAHN	10/29/87		A3	
sheet	revision								
index	sheet								