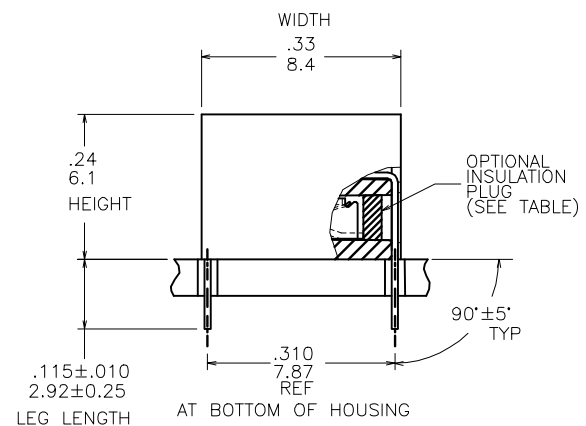
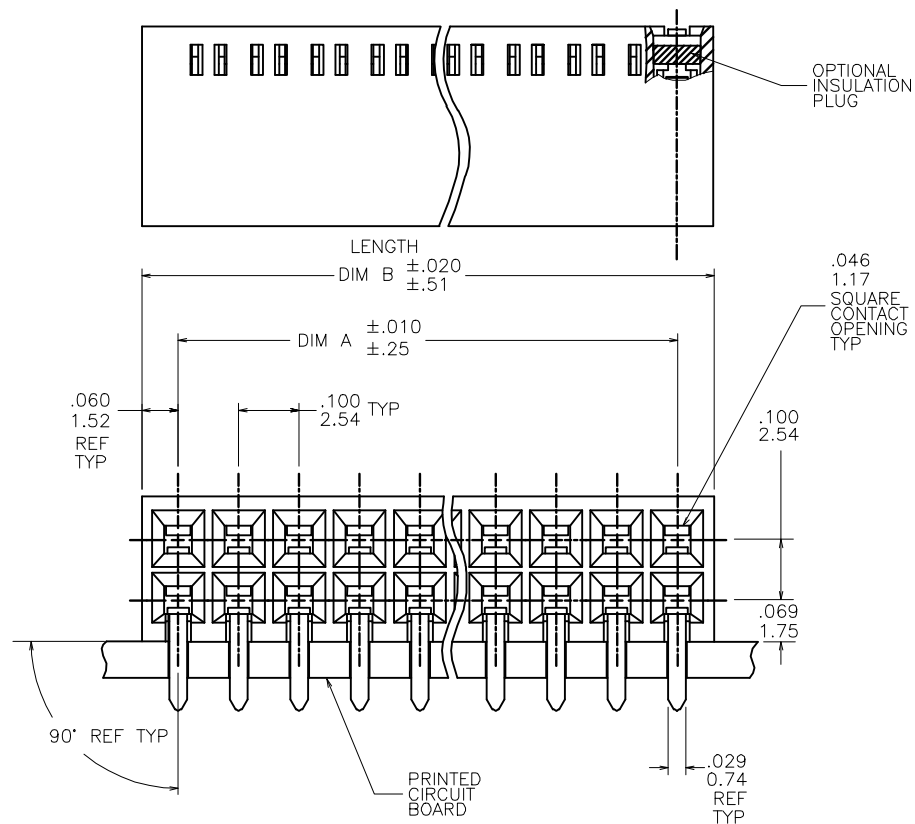
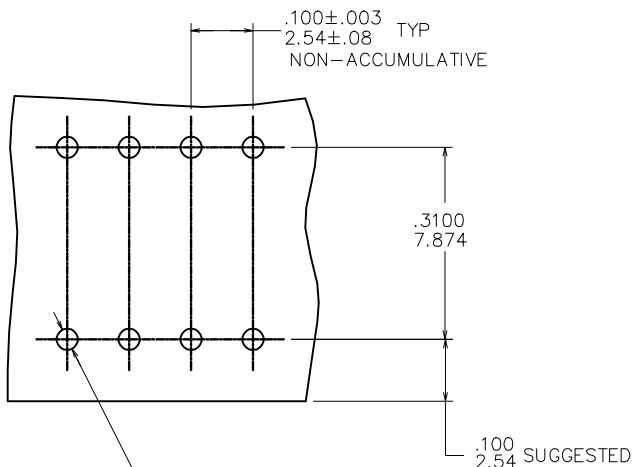


PRODUCT NO
SEE TABLE



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
S	M08-0232	MHT	8/14/08	chr	M. HAHN	10/29/87	size
T	M09-0093	MHT	6/22/09	appd	M. HAHN	10/29/87	A3
sheet	revision	T	T	T	T	T	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NO
SEE TABLE



$\phi .035 \pm .003$
.89 $\pm$.08
TYP
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 $\pm$.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		CARD CONN	
ltr	ecr no	dr	date	tolerances unless otherwise specified		title	
T				angles	linear	2 x .100/2.54 HORIZ. CARD CONNECTOR	
				0' $\pm$ 2'		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						

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				title 2 x .100/2.54 HORIZ. CARD CONNECTOR	
T				angles	linear	INCH/MM		dwg no	
				0° ± 2'		scale 4:1		sheet 4 of 6 size	
				dr	E.J. HALEY	10/29/87		A3	
				engr	M. HAHN	10/29/87		67118	
				chr	M. HAHN	10/29/87		type	
				appd	M. HAHN	10/29/87		Product Customer Drawing	
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		OBSOLETE				
-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	
litr		ecr no		dr		date		CARD CONN	
T								title	
								2 x .100/2.54 HORIZ. CARD CONNECTOR	
								dwg no	
								67118	
								sheet 5 of 6	
								size	
								A3	
								type	
								Product Customer Drawing	
sheet index		revision		sheet					



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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 ISO 1302		tolerance ISO 406 ISO 1101		projection		product family	
—		✓		tolerances unless otherwise specified		INCH/MM		CARD CONN	
ltr	ecr no	dr	date	angles	linear	scale 4:1		title	
T				0°±2'	XXX ±0.01/XXX±0.3 XXX ±0.05/XXX±0.13 XXX ±0.05/XXX±0.05			2 x .100/2.54 HORIZ. CARD CONNECTOR	
		dr		E.J. HALEY 10/29/87		FCI		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	
								type	
								Product Customer Drawing	
sheet index	revision	sheet							