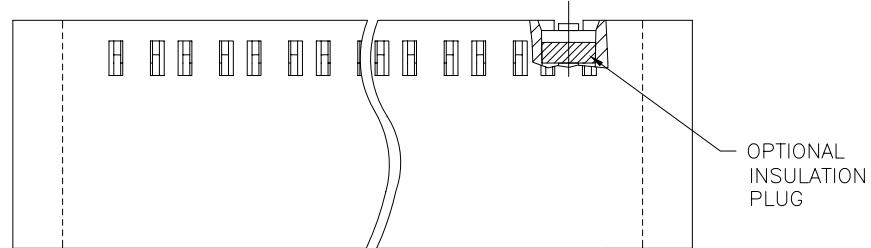
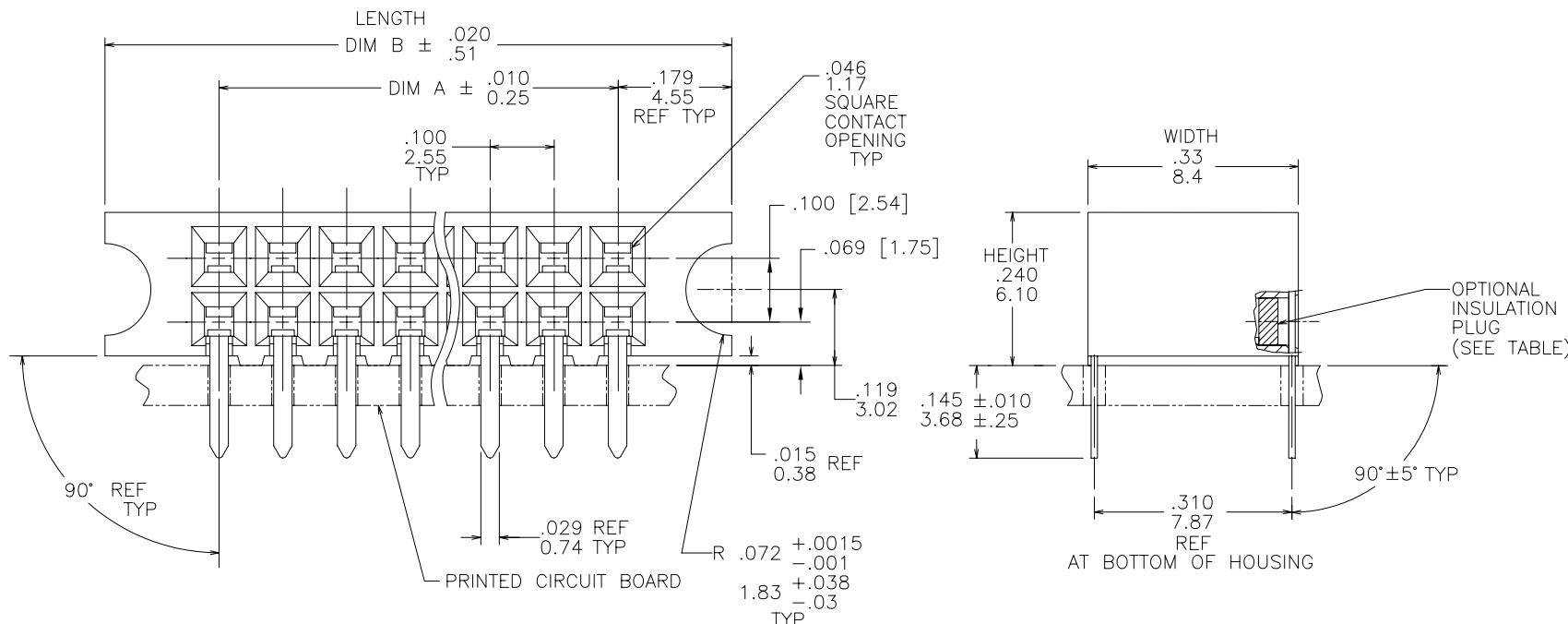


PRODUCT NO.  
SEE TABLE



OPTIONAL  
INSULATION  
PLUG



mat'l. code		surface		tolerance	projection	product family
		ISO 1302		ISO 406 ISO 1101		CARD CONN.
Itr	ecn_no	dr	date	tolerances unless otherwise specified		
C	WV31924	MSC	06/30/94	.XX±.01/.3	INCH/MM	
D	V70465	MDF	12/18/97	.XXXX±.005/.13		
E	V02386	AZ	10/10/00	0°±2°	scale 4:1	
F	M07-0137	MHT	2/26/07	dr M.CLOUSER 06/30/94		
				engr H.SUNDY 06/30/94		
				chr H.SUNDY 06/30/94		
				appd H.SUNDY 06/30/94		
sheet	revision	F	F	F		
index	sheet	1	2	3	4	5
				5	6	7
					8	

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PDM: Rev:F

STATUS Released

Printed: Oct 13, 2010

PRODUCT NO.  
SEE TABLE

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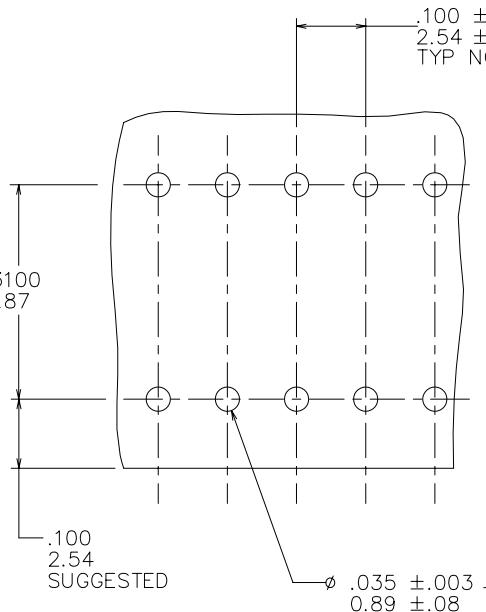


FIGURE 1

## 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. GOLD FLASH WITH  
30 MICROINCH/0.76 MICRON GOLD  
OVER 50 MICROINCH/1.27 MICRON NICKEL  
IN CONTACT AREA.  
SPRING PLATING. GOLD 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/.64 SQUARE ON TRUE CENTER  
OF GIVEN TERMINAL SPACINGS WITHIN .015/.38 DIA.  
C. SUGGESTED MATING PIN LENGTH  $.350 \pm .020$ /8.89±.51.
- ⑤ ADD "LF" AT THE END OF PART NUMBER  
FOR LEAD FREE OPTION.
6. THESE PRODUCT MEETS 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 A WAVE SOLDER, INFRA-RED OR VAPOR PHASE  
SOLDER PROCESS.

mat'l. code				surface		tolerance	projection	product family
Itr	ecn no	dr	date	ISO 1302		ISO 406 ISO 1101		CARD CONN.
F				angles	linear	.XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.05	INCH/MM scale 4:1	
				0°±2°				
		dr	M.CLOUSER 06/30/94					
		engr	H.SUNDY 06/30/94					
		chr	H.SUNDY 06/30/94					
		appd	H.SUNDY 06/30/94					
				sheet	revision			
				index	sheet			

FCI

dwg no sheet 2 of 8 size  
68733 A3

type Product Customer Drawing

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION	NOTES 5,6
68733-001		UNASSIGNED				
-002	2 X 2	.400/2.54	.458/11.63		NO	OBS.
-003	2 X 3	.200/5.08	.558/14.17		NO	OBS.
-004	2 X 4	.300/7.62	.658/16.71		NO	OBS.
-005	2 X 5	.400/10.16	.758/19.25		NO	
-006	2 X 6	.500/12.70	.858/21.79			
-007	2 X 7	.600/15.24	.958/24.33			
-008	2 X 8	.700/17.78	1.058/26.87			
-009	2 X 9	.800/20.32	1.158/29.41			
-010	2 X 10	.900/22.86	1.258/31.95			
-011	2 X 11	1.000/25.40	1.358/34.49			
-012	2 X 12	1.100/27.94	1.458/37.03			
-013	2 X 13	1.200/30.48	1.558/39.57			
-014	2 X 14	1.300/33.02	1.658/42.11			
-015	2 X 15	1.400/35.56	1.758/44.65			
-016	2 X 16	1.500/38.10	1.858/47.19			
-017	2 X 17	1.600/40.64	1.958/49.73			
-018	2 X 18	1.700/43.18	2.058/52.27			
-019	2 X 19	1.800/45.72	2.158/54.81			
-020	2 X 20	1.900/48.26	2.258/57.35			
-021	2 X 21	2.000/50.80	2.358/59.89			
-022	2 X 22	2.100/53.34	2.458/62.43			
-023	2 X 23	2.200/55.88	2.558/64.97			
-024	2 X 24	2.300/58.42	2.658/67.51			
68733-025	2 X 25	2.400/60.96	2.758/70.05	NO		NOTES 5,6

mat'l. code				surface		tolerance	projection	product family
				ISO 1302		ISO 406	ISO 1101	CARD CONN.
Itr	ecn	no	dr	date	tolerances unless otherwise specified			
F					angles	.XX±.01/.3	INCH/MM	
					linear	.XXX±.005/.13		
					0°±2°	.XXXX±.0020/.05	scale 4:1	
					dr	M.CLOUSER 06/30/94		
					engr	H.SUNDY 06/30/94		
					chr	H.SUNDY 06/30/94		
					appd	H.SUNDY 06/30/94		
					sheet	revision		
					index	sheet		

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mat'l. code			surface ISO 1302		tolerance ISO 406 ISO 1101	projection	product family CARD CONN.			
Itr	ecn	no	dr	date		tolerances unless otherwise specified		title		
F						angles	xx±.01/.3	INCH/MM	1 X .100 HORIZ. CARD CONN.	
						linear	xxx±.005/.13		30 $\mu$ Au .145 LEG PIN GUIDE	
						0°±2°	xxxx±.0020/.051	scale 4:1		
				dr	M.CLOUSER 06/30/94			dwg no	sheet 4 of 8	size
				engr	H.SUNDY 06/30/94			68733		A3
				chr	H.SUNDY 06/30/94					
				appd	H.SUNDY 06/30/94					
sheet	revision									
index	sheet									

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION								
68733-051	2 X 51	5.000/127.00	5.358/136.09	NO	NOTES 5,6								
-052	2 X 52	5.100/129.54	5.458/138.63										
-053	2 X 53	5.200/132.08	5.558/141.17										
-054	2 X 54	5.300/134.62	5.658/143.71										
-055	2 X 55	5.400/137.16	5.758/146.25										
-056	2 X 56	5.500/139.70	5.858/148.79										
-057	2 X 57	5.600/142.24	5.958/151.33										
-058	2 X 58	5.700/144.78	6.058/153.87										
-059	2 X 59	5.800/147.32	6.158/156.41										
-060	2 X 60	5.900/149.86	6.258/158.95										
-061	2 X 61	6.000/152.40	6.358/161.49										
-062	2 X 62	6.100/154.94	6.458/164.03										
-063	2 X 63	6.200/157.48	6.558/166.57										
-064	2 X 64	6.300/160.02	6.658/169.11										
68733-065	2 X 65	6.400/162.56	6.758/171.65	NO	NOTES 5,6								
-066 THRU													
-100													

OBSOLETE

mat'l. code				surface		tolerance	projection	product family
Itr	ecn	no	dr	ISO 1302		ISO 406	ISO 1101	CARD CONN.
F				angles	linear	.XX±.01/.3	INCH/MM	
						.XXX±.005/.13		
				0°±2°		.XXXX±.0020/.05	scale 4:1	
					dr	M.CLOUSER 06/30/94		
					engr	H.SUNDY 06/30/94		
					chr	H.SUNDY 06/30/94		
					appd	H.SUNDY 06/30/94		
				sheet	revision			
				index	sheet			

1		2 3			4			5		6					
PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION	NOTES 5,6									
68733-501		UNASSIGNED				NOTES 5,6									
	-502	2 X 2	.100/2.54	.458/11.63	YES			OBS.							
	-503	2 X 3	.200/5.08	.558/14.17	YES			OBS.							
	-504	2 X 4	.300/7.62	.658/16.71	YES			OBS.							
	-505	2 X 5	.400/10.16	.758/19.25	YES										
	-506	2 X 6	.500/12.70	.858/21.79											
A	-507	2 X 7	.600/15.24	.958/24.33											
	-508	2 X 8	.700/17.78	1.058/26.87											
	-509	2 X 9	.800/20.32	1.158/29.41											
	-510	2 X 10	.900/22.86	1.258/31.95											
	-511	2 X 11	1.000/25.40	1.358/34.49											
	-512	2 X 12	1.100/27.94	1.458/37.03											
	-513	2 X 13	1.200/30.48	1.558/39.57											
	-514	2 X 14	1.300/33.02	1.658/42.11											
	-515	2 X 15	1.400/35.56	1.758/44.65											
B	-516	2 X 16	1.500/38.10	1.858/47.19											
	-517	2 X 17	1.600/40.64	1.958/49.73											
	-518	2 X 18	1.700/43.18	2.058/52.27											
	-519	2 X 19	1.800/45.72	2.158/54.81											
	-520	2 X 20	1.900/48.26	2.258/57.35											
	-521	2 X 21	2.000/50.80	2.358/59.89											
	-522	2 X 22	2.100/53.34	2.458/62.43											
	-523	2 X 23	2.200/55.88	2.558/64.97											
	-524	2 X 24	2.300/58.42	2.658/67.51											
C	68733-525	2 X 25	2.400/60.96	2.758/70.05	YES										
	68733-525					NOTES 5,6									

mat'l. code				surface		tolerance		projection	product family		
Itr	ecn	no	dr	ISO 1302		ISO 406	ISO 1101		CARD	CONN.	
F						XX±.01/.3		INCH/MM			
					angles	XXX±.005/.13					
					linear						
					0°±2°	XXXX±.0020/.05		scale 4:1			
					dr	M.CLOUSER	06/30/94				
					engr	H.SUNDY	06/30/94				
					chr	H.SUNDY	06/30/94				
					appd	H.SUNDY	06/30/94				
					sheet	revision					
					index	sheet					

PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION	NOTES 5,6
68733-526	2 X 26	2.500/63.50	2.858/72.59	YES		
	-527	2 X 27	2.600/66.04	2.958/75.13		
	-528	2 X 28	2.700/68.58	3.058/77.67		
	-529	2 X 29	2.800/71.12	3.158/80.21		
	-530	2 X 30	2.900/73.66	3.258/82.75		
	-531	2 X 31	3.000/76.20	3.358/85.29		
	-532	2 X 32	3.100/78.74	3.458/87.83		
	-533	2 X 33	3.200/81.28	3.558/90.37		
	-534	2 X 34	3.300/83.82	3.658/92.91		
	-535	2 X 35	3.400/86.36	3.758/95.45		
	-536	2 X 36	3.500/88.90	3.858/97.99		
	-537	2 X 37	3.600/91.44	3.958/100.53		
	-538	2 X 38	3.700/93.98	4.058/103.07		
	-539	2 X 39	3.800/96.52	4.158/105.61		
	-540	2 X 40	3.900/99.06	4.258/108.15		
	-541	2 X 41	4.000/101.60	4.358/110.69		
	-542	2 X 42	4.100/104.14	4.458/113.23		
	-543	2 X 43	4.200/106.68	4.558/115.77		
	-544	2 X 44	4.300/109.22	4.658/118.31		
	-545	2 X 45	4.400/111.76	4.758/120.85		
	-546	2 X 46	4.500/114.30	4.858/123.39		
	-547	2 X 47	4.600/116.84	4.958/125.93		
	-548	2 X 48	4.700/119.38	5.058/128.47		
	-549	2 X 49	4.800/121.92	5.158/131.01		
68733-550	2 X 50	4.900/124.46	5.258/133.55	YES		NOTES 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			
F					angles	.XX±.01/.3	INCH/MM	
					linear	.XXX±.005/.13		
					0°±2°	.XXXX±.0020/.05	scale 4:1	
					dr	M.CLOUSER 06/30/94		
					engr	H.SUNDY 06/30/94		
					chr	H.SUNDY 06/30/94		
					appd	H.SUNDY 06/30/94		
					sheet	revision		
					index	sheet		

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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION	NOTES 5,6
68733-551	2 X 51	5.000/127.00	5.358/136.09	YES		
	-552	2 X 52	5.100/129.54	5.458/138.63		
	-553	2 X 53	5.200/132.08	5.558/141.17		
	-554	2 X 54	5.300/134.62	5.658/143.71		
	-555	2 X 55	5.400/137.16	5.758/146.25		
	-556	2 X 56	5.500/139.70	5.858/148.79		
	-557	2 X 57	5.600/142.24	5.958/151.33		
	-558	2 X 58	5.700/144.78	6.058/153.87		
	-559	2 X 59	5.800/147.32	6.158/156.41		
	-560	2 X 60	5.900/149.86	6.258/158.95		
	-561	2 X 61	6.000/152.40	6.358/161.49		
	-562	2 X 62	6.100/154.94	6.458/164.03		
	-563	2 X 63	6.200/157.48	6.558/166.57		
	-564	2 X 64	6.300/160.02	6.658/169.11		
68733-565	2 X 65	6.400/162.56	6.758/171.65	YES		NOTES 5,6
566 THRU						OBSOLETE
600						

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			
F				angles	.XX±.01/.3	INCH/MM	
				linear	.XXX±.005/.13		
				0°±2°	.XXXX±.0020/.05	scale 4:1	
		dr	M.CLOUSER	06/30/94			
		engr	H.SUNDY	06/30/94			
		chr	H.SUNDY	06/30/94			
		appd	H.SUNDY	06/30/94			
		sheet	revision				
		index	sheet				