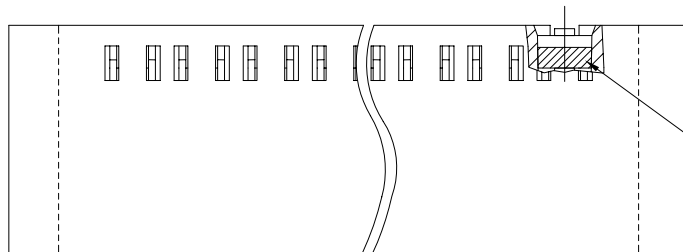
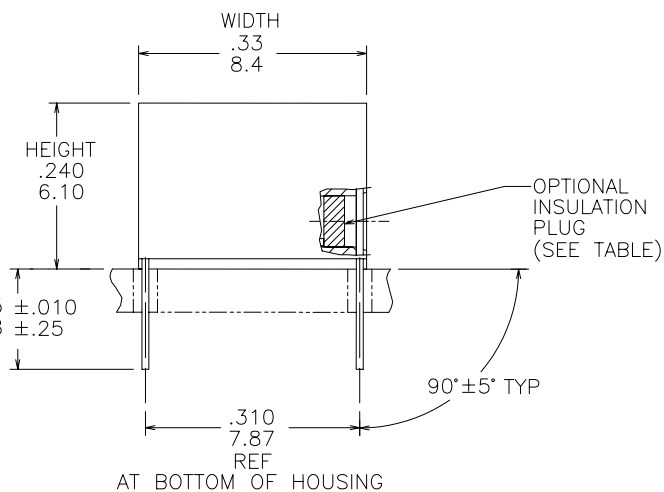
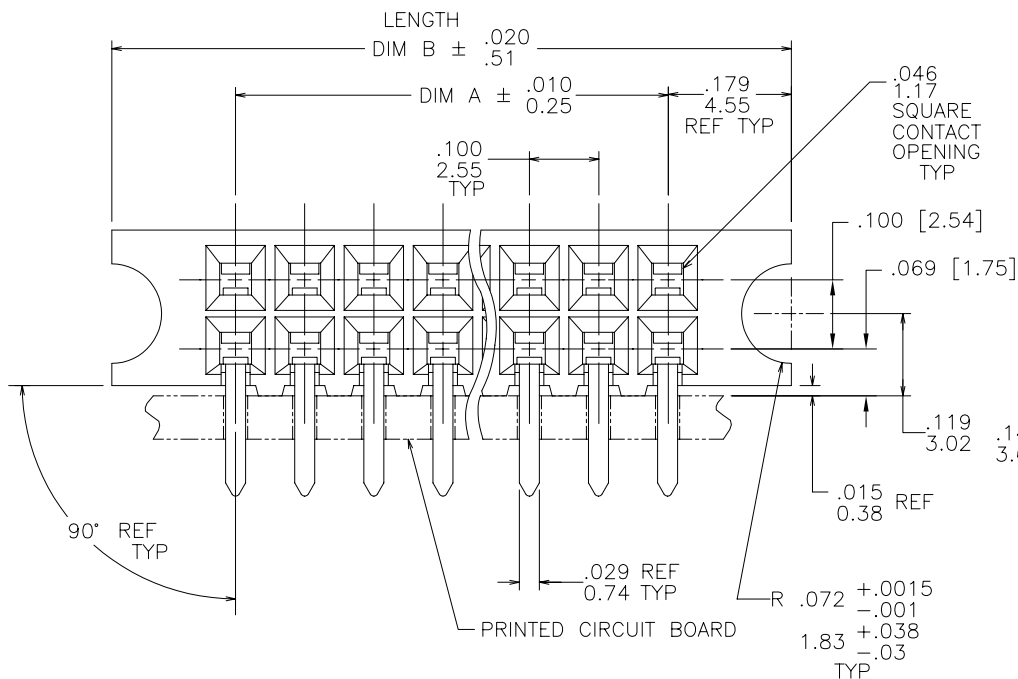


PRODUCT NO.
SEE TABLE



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			title
C	VW31924	MSC	06/30/94	angles	linear		1 X .100 HORIZ. CARD CONN.
D	V70465	MDF	12/18/97				30μ" Au .145 LEG PIN GUIDE
E	V02386	AZ	10/10/00	0°±2'			scale 4:1
F	M07-0137	MHT	2/26/07	dr	M.CLOUSER	06/30/94	sheet 1 of 8 size
				enr	H.SUNDY	06/30/94	68733 A3
				chr	H.SUNDY	06/30/94	type Product Customer Drawing
				appd	H.SUNDY	06/30/94	
sheet index	revision sheet	F	F	F	F	F	
		1	2	3	4	5	

PRODUCT NO.
SEE TABLE

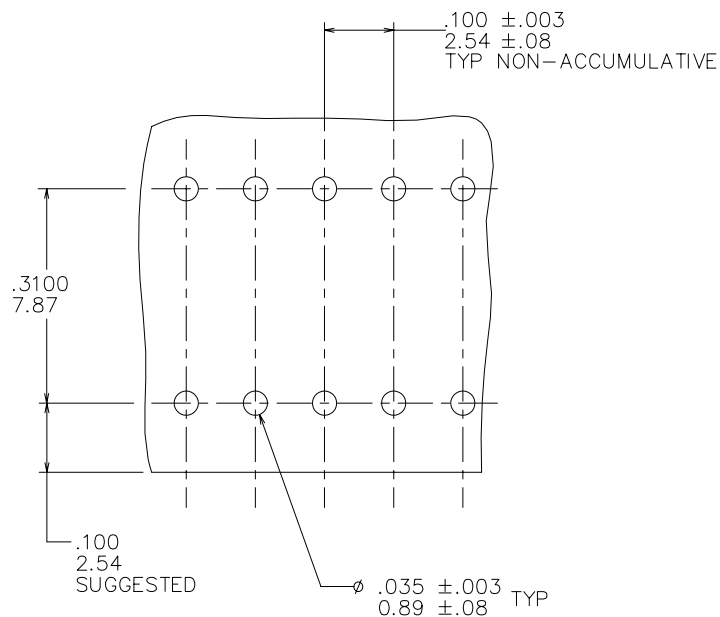


FIGURE 1

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±.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 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 FCI	title
F					angles linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		1 X .100 HORIZ. CARD CONN. 30µ" Au .145 LEG PIN GUIDE
					0°±2'		dwg no
					dr M.CLOUSER 06/30/94 enr H.SUNDY 06/30/94 chr H.SUNDY 06/30/94 appd H.SUNDY 06/30/94		sheet2 of 8 size 68733 A3
sheet index	revision sheet						type Product Customer Drawing



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D

1				2		3								4			5			6
PRODUCT NO.	NO. OF POS.	DIM A		DIM B		INSUL. PLUG		LEAD FREE OPTION												
68733-026	2 X 26	2.500/63.50		2.858/72.59		NO		NOTES 5,6												
↑	-027	2 X 27		2.600/66.04		2.958/75.13		↑												
	-028	2 X 28		2.700/68.58		3.058/77.67														
	-029	2 X 29		2.800/71.12		3.158/80.21														
	-030	2 X 30		2.900/73.66		3.258/82.75														
	-031	2 X 31		3.000/76.20		3.358/85.29														
	-032	2 X 32		3.100/78.74		3.458/87.83														
	-033	2 X 33		3.200/81.28		3.558/90.37														
	-034	2 X 34		3.300/83.82		3.658/92.91														
	-035	2 X 35		3.400/86.36		3.758/95.45														
	-036	2 X 36		3.500/88.90		3.858/97.99														
	-037	2 X 37		3.600/91.44		3.958/100.53														
	-038	2 X 38		3.700/93.98		4.058/103.07														
	-039	2 X 39		3.800/96.52		4.158/105.61														
	-040	2 X 40		3.900/99.06		4.258/108.15														
	-041	2 X 41		4.000/101.60		4.358/110.69														
	-042	2 X 42		4.100/104.14		4.458/113.23														
	-043	2 X 43		4.200/106.68		4.558/115.77														
	-044	2 X 44		4.300/109.22		4.658/118.31														
	-045	2 X 45		4.400/111.76		4.758/120.85														
	-046	2 X 46		4.500/114.30		4.858/123.39														
	-047	2 X 47		4.600/116.84		4.958/125.93														
	-048	2 X 48		4.700/119.38		5.058/128.47														
↓	-049	2 X 49		4.800/121.92		5.158/131.01														
68733-050	2 X 50	4.900/124.46		5.258/133.55		NO		NOTES 5,6												

mat'l. code

litr

ecnr

no

dr

date

surface

ISO 1302

✓

tolerance

ISO 406

ISO 1101

projection



product family

CARD CONN.

title

1 X .100 HORIZ. CARD CONN.

30μ" Au .145 LEG PIN GUIDE

dwg no

68733

sheet

4 of 8

size

A3

type

Product Customer Drawing

dr

M.CLOUSER

06/30/94

enr

H.SUNDY

06/30/94

chr

H.SUNDY

06/30/94

appd

H.SUNDY

06/30/94

sheet index

revision sheet

tolerances unless otherwise specified

linear

0°±2"

.XX±.01/.3

.XXX±.005/.13

.XXXX±.0020/.051

INCH/MM

scale 4:1

FCI

1				2		3				4				5				6	
form: A3																			

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		INCH/MM scale 4:1	title
F				angles	linear		1 X .100 HORIZ. CARD CONN.
				0°±2'	.xxx±.005/.13 .xxxx±.0020/.051		30μ" Au .145 LEG PIN GUIDE
				dr	M.CLOUSER	06/30/94	dwg no
				enr	H.SUNDY	06/30/94	sheet 4 of 8 size
				chr	H.SUNDY	06/30/94	68733 A3
				appd	H.SUNDY	06/30/94	type Product Customer Drawing
sheet index	revision sheet						

form: A3



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form: A3

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	
-066 THRU					OBSOLETE
-100					

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	INCH/MM scale 4:1 	title
F					angles linear .XX±.01/.3		1 X .100 HORIZ. CARD CONN.
					0'±2' .xxx±.005/.13 .xxxx±.0020/.051		30μ" Au .145 LEG PIN GUIDE
				dr	M.CLOUSER 06/30/94	FCI	dwg no
				enr	H.SUNDY 06/30/94		sheet 5 of 8 size
				chr	H.SUNDY 06/30/94		68733 A3
				appd	H.SUNDY 06/30/94		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
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	
-504	2 X 4	.300/7.62	.658/16.71	YES	
-505	2 X 5	.400/10.16	.758/19.25	YES	
-506	2 X 6	.500/12.70	.858/21.79		
-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		
-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		
68733-525	2 X 25	2.400/60.96	2.758/70.05	YES	NOTES 5,6

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 scale 4:1	title
F					angles linear .XX±.01/.3 .xxx±.005/.13 .xxxx±.0020/.051		1 X .100 HORIZ. CARD CONN. 30μ" Au .145 LEG PIN GUIDE
					dr M.CLOUSER 06/30/94	FCI	dwg no sheet 6 of 8 size
					enr H.SUNDY 06/30/94		68733 A3
					chr H.SUNDY 06/30/94		type Product Customer Drawing
					appd H.SUNDY 06/30/94		
sheet index	revision sheet						

form: A3



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1				2		3							4		5		6	
PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION													
68733-526	2 X 26	2.500/63.50	2.858/72.59	YES	NOTES 5,6													
↑ -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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family CARD CONN.							
ltr	ecn	no	dr	date		tolerances unless otherwise specified		 INCH/MM scale 4:1		title 1 X .100 HORIZ. CARD CONN. 30μ" Au .145 LEG PIN GUIDE							
F					angles	linear											
					0°±2"												
				dr	M.CLOUSER	06/30/94			dwg no 68733								
				enr	H.SUNDY	06/30/94											
				chr	H.SUNDY	06/30/94											
				appd	H.SUNDY	06/30/94											
sheet index		revision sheet															

1				2		3		4		5		6	
form: A3													

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
F					angles linear .XX±.01/.3	INCH/MM	1 X .100 HORIZ. CARD CONN.
					0°±2' .xxx±.005/.13	scale 4:1	30μ" Au .145 LEG PIN GUIDE
					.xxxx±.0020/.051		dwg no sheet 7 of 8 size
				dr	M.CLOUSER 06/30/94	FCI	68733 A3
				enr	H.SUNDY 06/30/94		
				chr	H.SUNDY 06/30/94		
				appd	H.SUNDY 06/30/94		
sheet index	revision sheet						type Product Customer Drawing

form: A3



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PRODUCT NO.	NO. OF POS.	DIM A	DIM B	INSUL. PLUG	LEAD FREE OPTION
68733-551	2 X 51	5.000/127.00	5.358/136.09	YES	NOTES 5,6
-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 ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1 	title
F					angles linear .XX±.01/.3		1 X .100 HORIZ. CARD CONN.
					0'±2' .xxx±.005/.13 .xxx±.0020/.051		30μ" Au .145 LEG PIN GUIDE
				dr	M.CLOUSER	06/30/94	dwg no
				enr	H.SUNDY	06/30/94	sheet 8 of 8 size
				chr	H.SUNDY	06/30/94	68733 A3
				appd	H.SUNDY	06/30/94	type Product Customer Drawing
sheet index	revision sheet						

form: A3