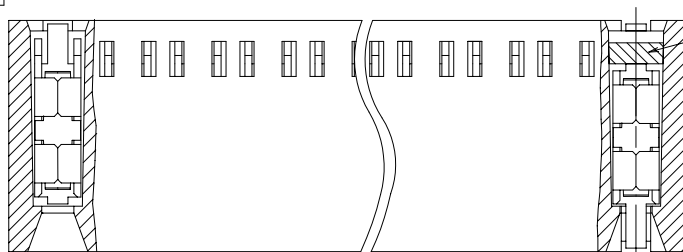
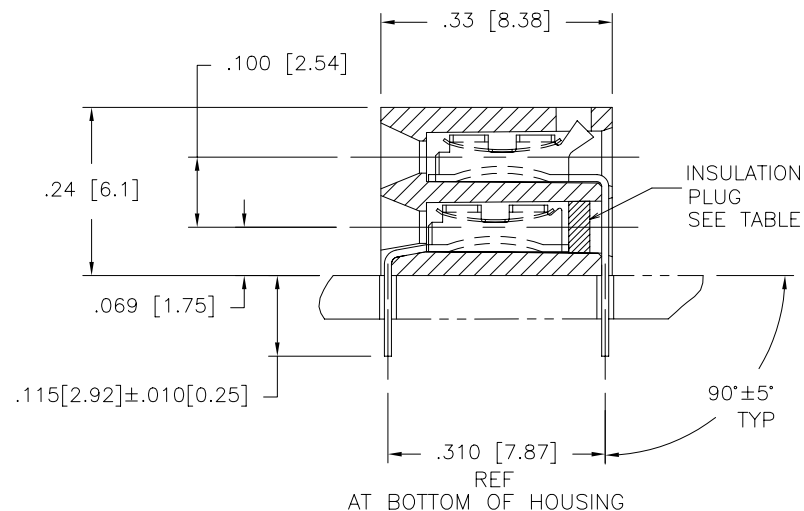
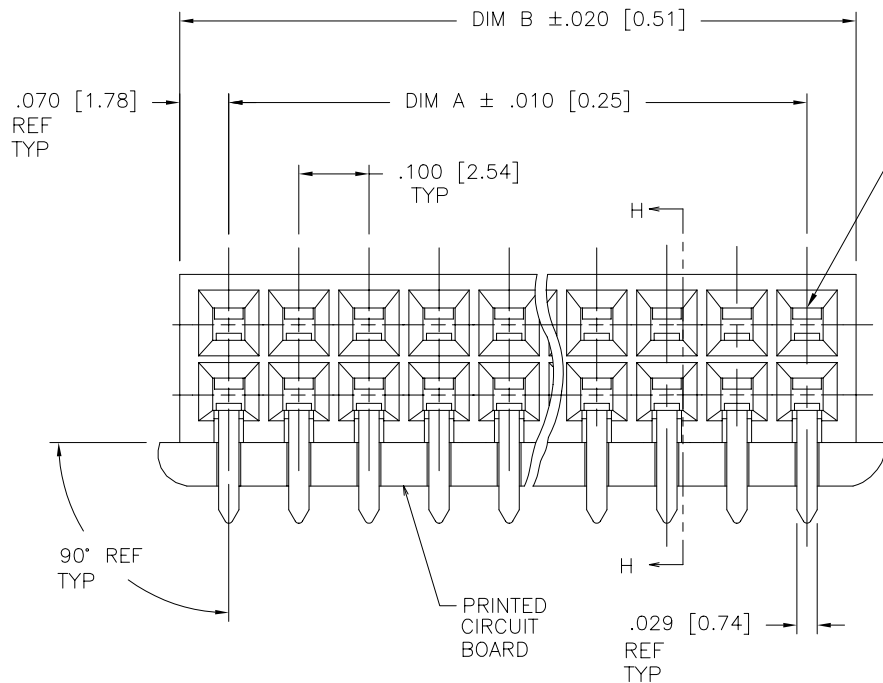




FCIconnect.com

Copyright FCI

PRODUCT NO.
SEE TABLEINSULATION
PLUG

SECTION H-H

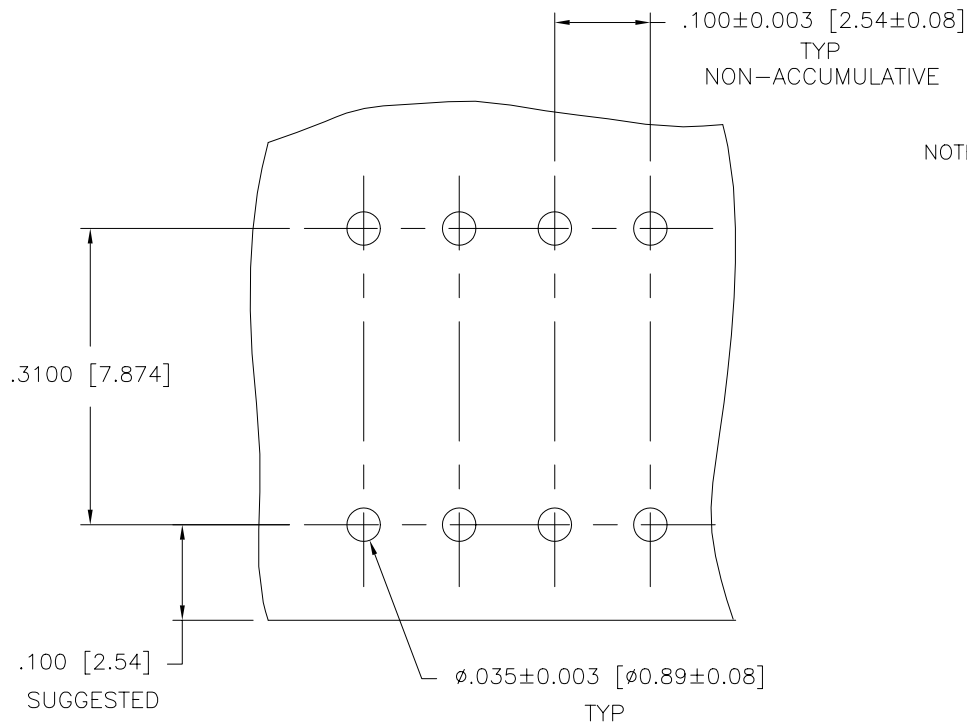
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family PVHCC			
ltr	ecm no	dr	date	tolerances unless otherwise specified			INCH/MM scale 4:1 	title 2 X .100 CARD CONNECTOR					
F	v40693	MSC	5/24/94	angles linear									
G	v70991	EPK	7/9/97		.XXX ±.005/.13								
H	v02523	AZ	10/24/00		.0'±2"								
J	M05-0181	MHT	8/13/05		dr	M. CLOUSER		5/23/94					
K	M06-0117	M.N.	06/01/06	enrg	H. SUNDY	5/24/94	dwg no						
				chr	H. SUNDY	5/24/94	sheet 1 of 4						
				appd	H. SUNDY	5/24/94	size						
								66413					
								A3					
								type Product Customer Drawing					
sheet		revision		K	K	K	K						
index		sheet		1	2	3	4						

form: A3



FCIconnect.com

Copyright FCI



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:
40 MICROINCH GOLD/1.02 MICRON OVER 50 MICROINCH
NICKEL/1.27 MICRON IN CONTACT AREA.
SPRING PLATING: GOLD FLASH
3. APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN
FIG. "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.
- ④. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑤. THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
6. 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 PVHCC
ltr	ecn no	dr	date	tolerances unless otherwise specified		 INCH/MM scale 4:1	title
K				angles	linear		2 X .100
				0° ± 2'	.XX ± .01/.3 .XXX ± .005/.13 .XXXX ± .0020/.051		CARD CONNECTOR
				dr	M. CLOUSER 5/23/94		dwg no
				enr	H. SUNDY 5/24/94		sheet 2 of 4 size
				chr	H. SUNDY 5/24/94		66413 A3
				appd	H. SUNDY 5/24/94		type Product Customer Drawing
sheet index	revision sheet						

form: A3



FCIconnect.com

Copyright FCI

PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION	
66413-501	2X1	.00/.0	.14/3.56	YES	NOTE 5,6	OBS.
66413-502	2X2	.10/2.5	.24/6.10	YES		
-503	2X3	.20/5.0	.34/8.64			
-504	2X4	.30/7.6	.44/11.18			
-505	2X5	.40/10.1	.54/13.72			
-506	2X6	.50/12.7	.64/16.26			
-507	2X7	.60/15.2	.74/18.80			
-508	2X8	.70/17.7	.84/21.34			
-509	2X9	.80/20.3	.94/23.88			
-510	2X10	.90/22.8	1.04/26.42			
-511	2X11	1.00/25.4	1.14/28.96			
-512	2X12	1.10/27.9	1.24/31.50			
-513	2X13	1.20/30.4	1.34/34.04			
-514	2X14	1.30/33.0	1.44/36.58			
-515	2X15	1.40/35.5	1.54/39.12			
-516	2X16	1.50/38.1	1.64/41.66			
-517	2X17	1.60/40.6	1.74/44.20			
-518	2X18	1.70/43.1	1.84/46.74			
-519	2X19	1.80/45.7	1.94/49.28			
-520	2X20	1.90/48.2	2.04/51.82			
-521	2X21	2.00/50.8	2.14/54.36			
-522	2X22	2.10/53.3	2.24/56.90			
-523	2X23	2.20/55.8	2.34/59.44			
-524	2X24	2.30/58.4	2.44/61.98			
-525	2X25	2.40/60.9	2.54/64.52			
-526	2X26	2.50/63.5	2.64/67.06			
-527	2X27	2.60/66.0	2.74/69.60			
-528	2X28	2.70/68.5	2.84/72.14			
-529	2X29	2.80/71.1	2.94/74.68			
-530	2X30	2.90/73.6	3.04/77.22			
-531	2X31	3.00/76.2	3.14/79.76			
-532	2X32	3.10/78.7	3.24/82.30			
-533	2X33	3.20/81.2	3.34/84.84			
-534	2X34	3.30/83.8	3.44/87.38			
-535	2X35	3.40/86.3	3.54/89.92			
-536	2X36	3.50/88.9	3.64/92.46			
-537	2X37	3.60/91.4	3.74/95.00			
-538	2X38	3.70/93.9	3.84/97.54			
-539	2X39	3.80/96.5	3.94/100.08			
66413-540	2X40	3.90/99.0	4.04/102.62	YES	NOTE 5,6	

mat'l. code		surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family PVHCC	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
K				angles	linear	.XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		2 X .100 CARD CONNECTOR	
				0'±2'		scale 4:1		dwg no sheet 3 of 4 size	
				dr	M. CLOUSER	5/23/94			66413 A3
				enr	H. SUNDY	5/24/94			
				chr	H. SUNDY	5/24/94			
				appd	H. SUNDY	5/24/94			
sheet index	revision sheet								

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66413-541	2X41	4.00/101.6	4.14/105.16	YES	NOTE 5,6
-542	2X42	4.10/104.1	4.24/107.70		
-543	2X43	4.20/106.6	4.34/110.24		
-544	2X44	4.30/109.2	4.44/112.78		
-545	2X45	4.40/111.7	4.54/115.32		
-546	2X46	4.50/114.3	4.64/117.86		
-547	2X47	4.60/116.8	4.74/120.40		
-548	2X48	4.70/119.3	4.84/122.94		
-549	2X49	4.80/121.9	4.94/125.48		
-550	2X50	4.90/124.4	5.04/128.02		
-551	2X51	5.00/127.0	5.14/130.56		
-552	2X52	5.10/129.5	5.24/133.10		
-553	2X53	5.20/132.0	5.34/135.64		
-554	2X54	5.30/134.6	5.44/138.18		
-555	2X55	5.40/137.1	5.54/140.72		
-556	2X56	5.50/139.7	5.64/143.26		
-557	2X57	5.60/142.2	5.74/145.80		
-558	2X58	5.70/144.7	5.84/148.34		
-559	2X59	5.80/147.3	5.94/150.88		
-560	2X60	5.90/149.8	6.04/153.42		
-561	2X61	6.00/152.4	6.14/155.96		
-562	2X62	6.10/154.9	6.24/158.50		
-563	2X63	6.20/157.4	6.34/161.04		
-564	2X64	6.30/160.0	6.44/163.58		
66413-565	2X65	6.40/162.5	6.54/166.12	YES	NOTE 5,6

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection 	product family PVHCC
ltr	ecn	no	dr	date	tolerances unless otherwise specified	INCH/MM scale 4:1 	title 2 X .100 CARD CONNECTOR
K					angles linear .XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		dwg no 66413
					dr M. CLOUSER 5/23/94 enr H. SUNDY 5/24/94 chr H. SUNDY 5/24/94 appd H. SUNDY 5/24/94		sheet 4 of 4 size A3
sheet index	revision sheet						type Product Customer Drawing