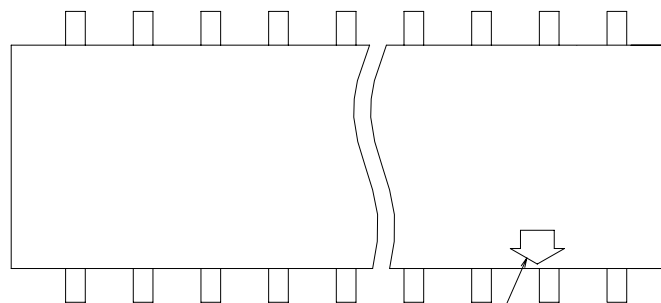




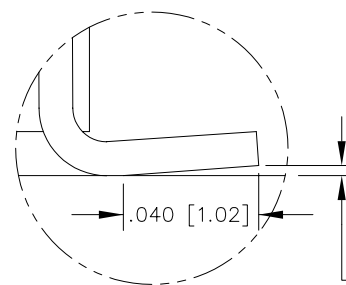
FCIconnect.com

Copyright FCI

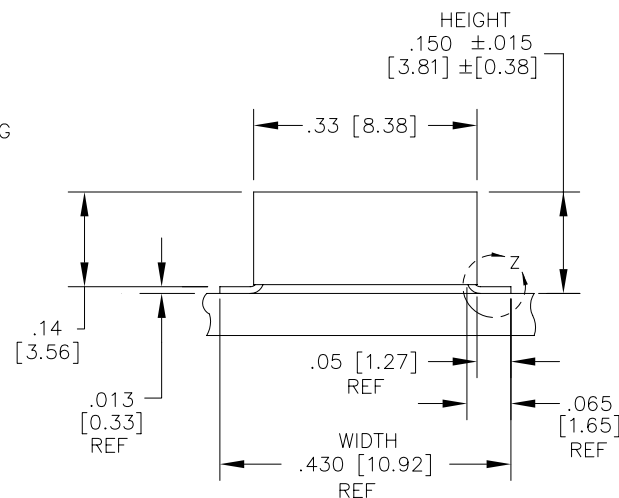
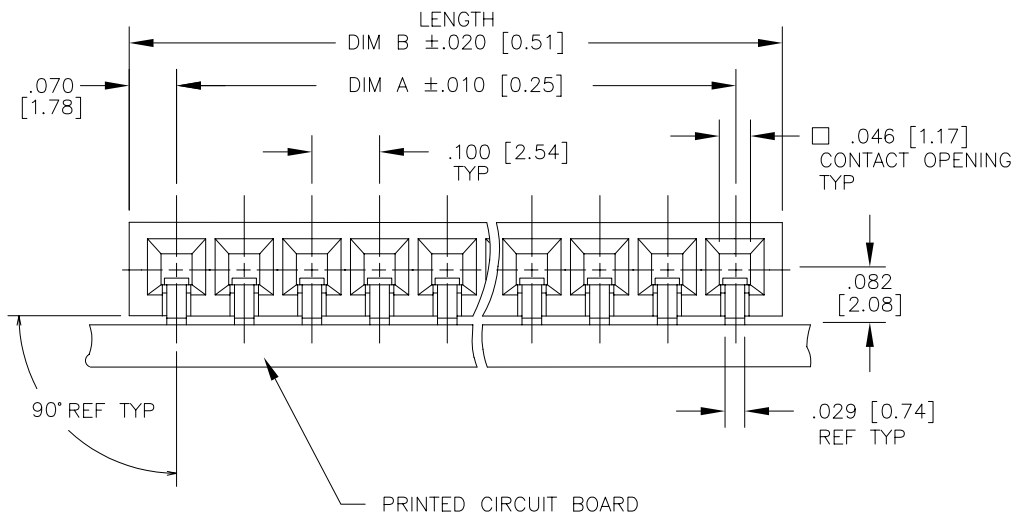
PRODUCT NO.
SEE TABLE



ARROW INDICATES PIN
INSERTION SIDE



VIEW Z
SCALE: 5/1



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	50598	SAR	6/27/95	angles	linear	.XX±.01/.X±.3	INCH/MM	S/R SMT HORIZ. CARD CONNECTOR			
D	V50972	MRC	8/16/95			.XXX±.0.005/.XX±.13		dwg no			
E	V51236	GAH	9/28/95	0'±2'		.XXXX±.0020/.XXX±.051	scale 4:1	sheet 1 of 4 size			
F	V70467	RGD	10/21/97	dr		G.HULL	10/14/94	95071			
G	V02512	AZ	10/18/00	enr		H. SUNDY	10/14/94	A3			
H	M05-0199	ERE	09/15/05	chr		H. SUNDY	10/14/94	type Product Customer Drawing			
J	M06-0210	MHT	6/03/06	appd		H. SUNDY	10/14/94				
sheet	revision	J	J	J	J						
index	sheet	1	2	3	4						

form: A3

PRODUCT NO.
SEE TABLE

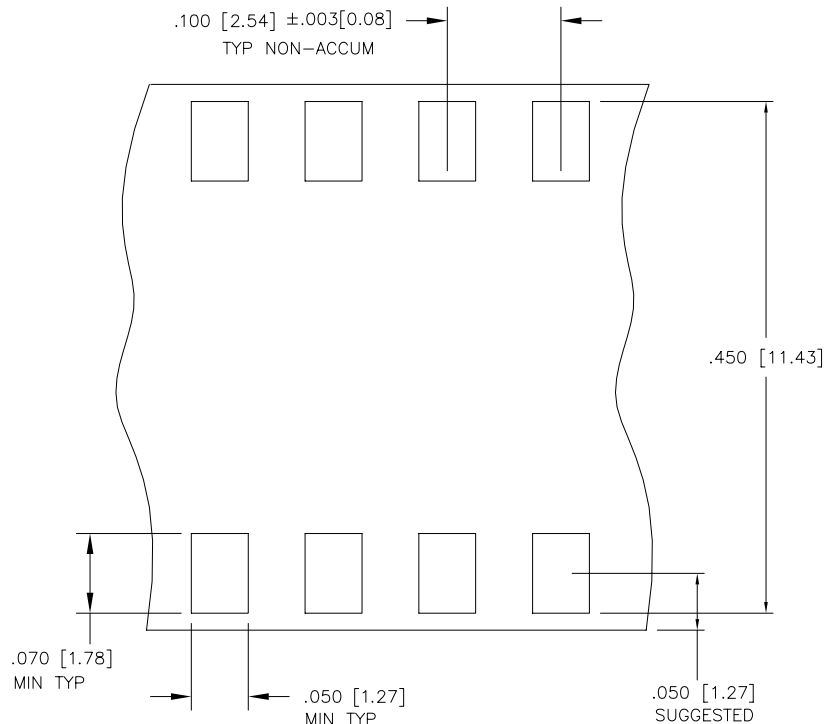


FIGURE 1
SCALE 2X

NOTES:

- HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON, COLOR: BLACK
- TERMINAL MATERIAL:
BODY: BRASS .010/0.25 THICK
SPRING: BE-CU HEAT-TREATED
BODY PLATING: 30u"/0.76u Au OVER 50u"/1.27u Ni IN CONTACT AREA.
SOLDER TAIL PLATING: 100u"/2.54u TIN LEAD OVER 50u"/1.27u Ni POST PLATED.
SPRING PLATING: GOLD FLASH
LF SOLDER TAIL:
100u"/2.54u Sn OVER 50u"/1.27u Ni
- MARKING:
FCI PART NUMBER AND DATE CODE LEGIBLE ON TUBE LABEL.
- APPLICATION INFORMATION:
A. RECOMMENDED MOUNTING PAD PATTERN IS SHOWN IN FIGURE "1"
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±.020/8.89±0.51.
- TERMINAL MATERIAL:
BODY: BRASS .010/0.25 THICK
SPRING: BE-CU HEAT-TREATED
BODY PLATING: 30u"/0.76u Au OVER 50u"/1.27u Ni IN CONTACT AREA.
SOLDER TAIL PLATING: 200-400u"/5.08-10.16u TIN LEAD OVER 50u"/1.27u Ni POST PLATED.
- BODY MATERIAL AND PLATING SAME AS NOTE 2 WITH EXCEPTION OF SOLDER TAIL PLATING BEING GOLD FLASH OVER 50u"/1.27u Ni.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THESE PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 20 SECONDS IN WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.
- "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."

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		title			
J					angles linear	.XX±.01/.X±.3 .XXX±.0.005/.XX±.13 .XXXX±.0020/.XXX±.051	S/R SMT HORIZ. CARD CONNECTOR			
					0°±2'		dwg no			
					dr	G.HULL	10/14/94	sheet 2 of 4		size
					enr	H. SUNDY	10/14/94	95071		A3
					chr	H. SUNDY	10/14/94			
					appd	H. SUNDY	10/14/94			
sheet	revision							type		
index	sheet							Product Customer Drawing		



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	TERM. PLATING	LEAD FREE OPTION
95071-002	1 X 2	.100/2.54	.240/6.10	NOTE 6	NOTE 7, 8
-003	1 X 3	.200/5.18	.340/8.64	NOTE 6	
-004	1 X 4	.300/7.62	.440/11.18	NOTE 6	
-005	1 X 5	.400/10.16	.540/13.72	NOTE 2	
-006	1 X 6	.500/12.70	.640/16.26		
-007	1 X 7	.600/15.24	.740/18.80		
-008	1 X 8	.700/17.78	.840/21.34		
-009	1 X 9	.800/20.32	.940/23.88		
-010	1 X 10	.900/22.86	1.040/26.42		
-011	1 X 11	1.000/25.40	1.140/28.96		
-012	1 X 12	1.100/27.94	1.240/31.50		
-013	1 X 13	1.200/30.48	1.340/34.04		
-014	1 X 14	1.300/33.02	1.440/36.58		
-015	1 X 15	1.400/35.56	1.540/39.12		
-016	1 X 16	1.500/38.10	1.640/41.66		
-017	1 X 17	1.600/40.64	1.740/44.20		
-018	1 X 18	1.700/43.18	1.840/46.74		
-019	1 X 19	1.800/45.72	1.940/49.28		
-020	1 X 20	1.900/48.26	2.040/51.82		
-021	1 X 21	2.000/50.80	2.140/54.36		
-022	1 X 22	2.100/53.34	2.240/56.90		
-023	1 X 23	2.200/55.88	2.340/59.44		
-024	1 X 24	2.300/58.42	2.440/61.98		
-025	1 X 25	2.400/60.96	2.540/64.52		
-026	1 X 26	2.500/63.50	2.640/67.06		
-027	1 X 27	2.600/66.04	2.740/69.60		
-028	1 X 28	2.700/68.58	2.840/72.14		
-029	1 X 29	2.800/71.12	2.940/74.68		
95071-030	1 X 30	2.900/73.66	3.040/77.22	NOTE 2	NOTE 7, 8

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	TERM. PLATING	LEAD FREE OPTION
95071-031	1 X 31	3.000/76.20	3.140/79.76	NOTE 2	NOTE 7, 8
-032	1 X 32	3.100/78.74	3.240/82.30		
-033	1 X 33	3.200/81.28	3.340/84.84		
-034	1 X 24	3.300/83.82	3.440/87.38		
-035	1 X 25	3.400/86.36	3.540/89.92		
-036	1 X 26	3.500/88.90	3.640/92.46		
-037	1 X 27	3.600/91.44	3.740/95.00		
-038	1 X 28	3.700/93.98	3.840/94.54		
-039	1 X 39	3.800/96.52	3.940/100.08		
-040	1 X 40	3.900/99.06	4.040/102.62		
-041	1 X 41	4.000/101.60	4.140/105.16		
-042	1 X 42	4.100/104.14	4.240/107.70		
-043	1 X 43	4.200/106.68	4.340/110.24		
-044	1 X 44	4.300/109.22	4.440/112.78		
-045	1 X 45	4.400/111.76	4.540/115.32		
-046	1 X 46	4.500/114.30	4.640/117.86		
-047	1 X 47	4.600/116.84	4.740/120.40		
-048	1 X 48	4.700/119.38	4.840/122.94		
-049	1 X 49	4.800/121.92	4.940/125.48		
95071-050	1 X 50	4.900/124.46	5.040/128.02	NOTE 2	NOTE 7, 8

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		title			
J								linear .XX±.01/.X±.3		S/R SMT HORIZ. CARD CONNECTOR			
								linear .XXX±.0.005/.XX±.13		INCH/MM			
								0'±2'		scale 4:1			
								dr G.HULL		10/14/94			
								enr H. SUNDY		10/14/94			
								chr H. SUNDY		10/14/94			
								appd H. SUNDY		10/14/94			
sheet index		revision sheet											

FCI

dwg no 95071 sheet 3 of 4 size A3

type Product Customer Drawing



FCIconnect.com

Copyright FCI

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	TERM. PLATING	LEAD FREE OPTION
95071-102	1 X 2	.100/2.54	.240/6.10	NOTE 6	NOTE 7, 8
-103	1 X 3	.200/5.18	.340/8.64	NOTE 6	
-104	1 X 4	.300/7.62	.440/11.18	NOTE 6	NOTE 5
-105	1 X 5	.400/10.16	.540/13.72	NOTE 5	
-106	1 X 6	.500/12.70	.640/16.26		
-107	1 X 7	.600/15.24	.740/18.80		
-108	1 X 8	.700/17.78	.840/21.34		
-109	1 X 9	.800/20.32	.940/23.88		
-110	1 X 10	.900/22.86	1.040/26.42		
-111	1 X 11	1.000/25.40	1.140/28.96		
-112	1 X 12	1.100/27.94	1.240/31.50		
-113	1 X 13	1.200/30.48	1.340/34.04		
-114	1 X 14	1.300/33.02	1.440/36.58		
-115	1 X 15	1.400/35.56	1.540/39.12		
-116	1 X 16	1.500/38.10	1.640/41.66		
-117	1 X 17	1.600/40.64	1.740/44.20		
-118	1 X 18	1.700/43.18	1.840/46.74		
-119	1 X 19	1.800/45.72	1.940/49.28		
-120	1 X 20	1.900/48.26	2.040/51.82		
-121	1 X 21	2.000/50.80	2.140/54.36		
-122	1 X 22	2.100/53.34	2.240/56.90		
-123	1 X 23	2.200/55.88	2.340/59.44		
-124	1 X 24	2.300/58.42	2.440/61.98		
-125	1 X 25	2.400/60.96	2.540/64.52		
-126	1 X 26	2.500/63.50	2.640/67.06		
-127	1 X 27	2.600/66.04	2.740/69.60		
-128	1 X 28	2.700/68.58	2.840/72.14		
-129	1 X 29	2.800/71.12	2.940/74.68		
95071-130	1 X 30	2.900/73.66	3.040/77.22	NOTE 5	NOTE 7, 8

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	TERM. PLATING	LEAD FREE OPTION
95071-131	1 X 31	3.000/76.20	3.140/79.76	NOTE 5	NOTE 7, 8
-132	1 X 32	3.100/78.74	3.240/82.30		
-133	1 X 33	3.200/81.28	3.340/84.84		
-134	1 X 24	3.300/83.82	3.440/87.38		
-135	1 X 25	3.400/86.36	3.540/89.92		
-136	1 X 26	3.500/88.90	3.640/92.46		
-137	1 X 27	3.600/91.44	3.740/95.00		
-138	1 X 28	3.700/93.98	3.840/94.54		
-139	1 X 39	3.800/96.52	3.940/100.08		
-140	1 X 40	3.900/99.06	4.040/102.62		
-141	1 X 41	4.000/101.60	4.140/105.16		
-142	1 X 42	4.100/104.14	4.240/107.70		
-143	1 X 43	4.200/106.68	4.340/110.24		
-144	1 X 44	4.300/109.22	4.440/112.78		
-145	1 X 45	4.400/111.76	4.540/115.32		
-146	1 X 46	4.500/114.30	4.640/117.86		
-147	1 X 47	4.600/116.84	4.740/120.40		
-148	1 X 48	4.700/119.38	4.840/122.94		
-149	1 X 49	4.800/121.92	4.940/125.48		
95071-150	1 X 50	4.900/124.46	5.040/128.02	NOTE 5	NOTE 7, 8

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				title	
J				angles	linear	.XX±.01/.X±.3		S/R SMT HORIZ. CARD CONNECTOR	
				0°±2°		.XXX±.0.005/.XX±.13			
						.XXXX±.0020/.XXX±.051			
				dr	G.HULL	10/14/94		dwg no	
				enr	H. SUNDY	10/14/94		sheet 4 of 4 size	
				chr	H. SUNDY	10/14/94		95071 A3	
				appd	H. SUNDY	10/14/94		type Product Customer Drawing	
sheet index	revision sheet								