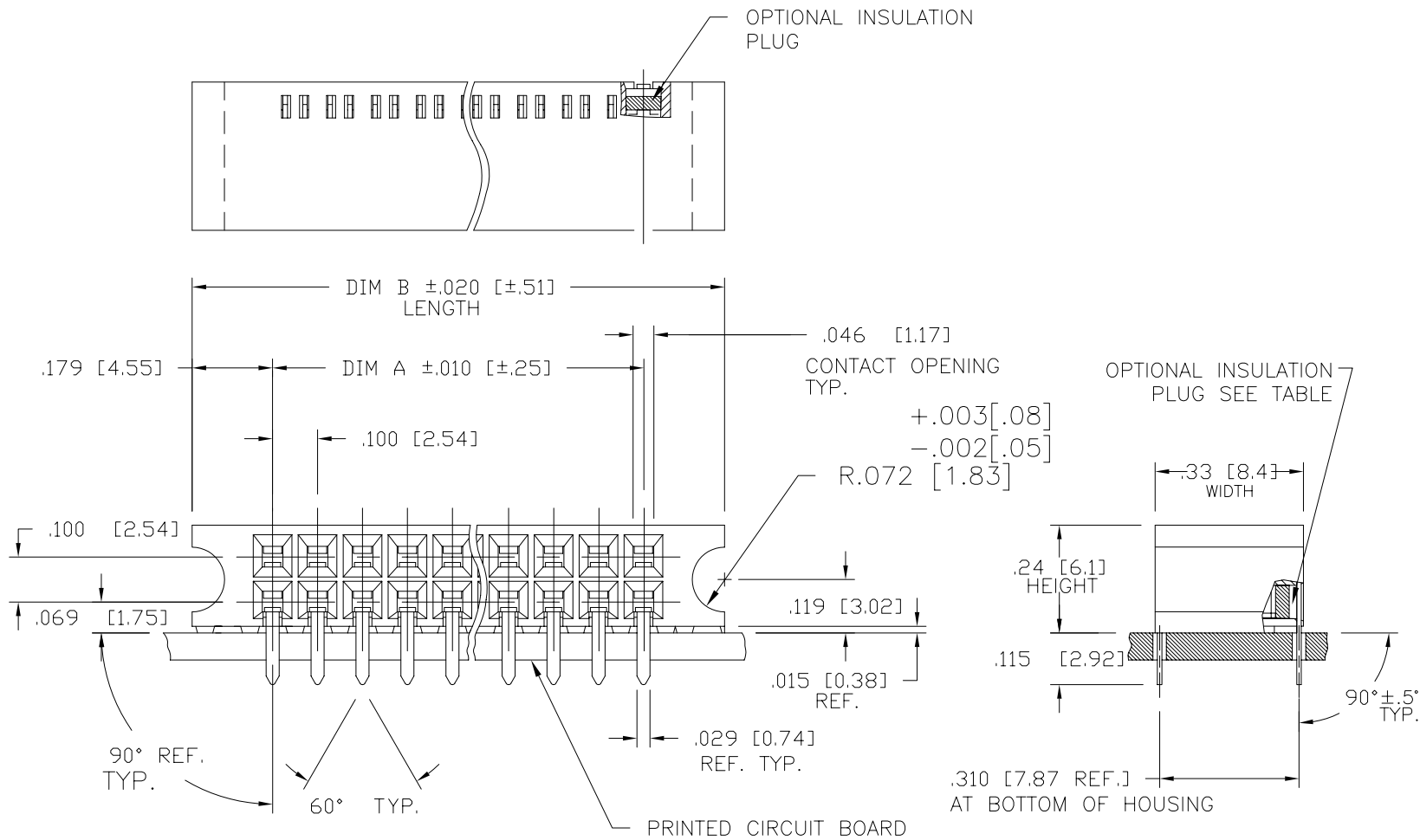




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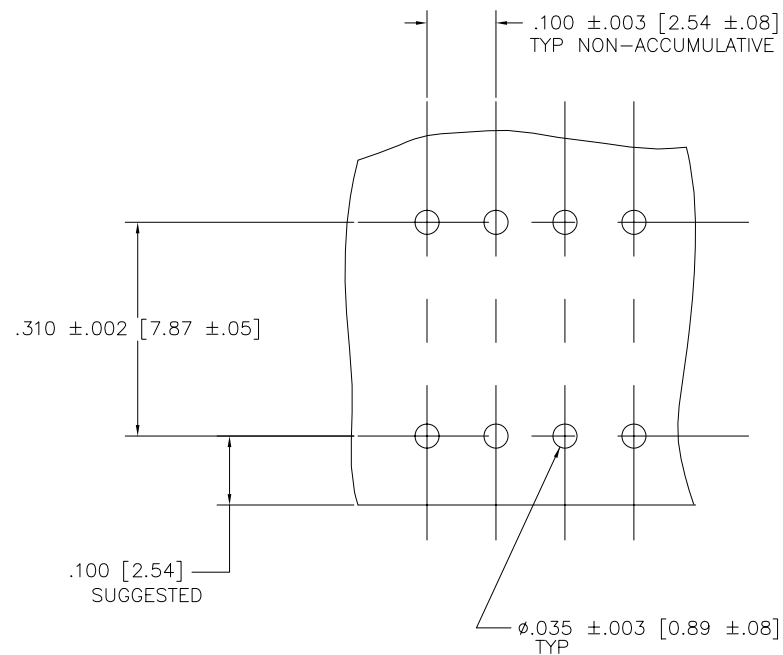


mat'l. code				surface		tolerance		projection		product family				
-				ISO 1302 ✓		ISO 406 ISO 1101				CARD CONN				
ltr	ecr	no	dr	date		tolerances unless otherwise specified				title				
B	v50330	LSS		4/12/95		angles	linear	.XX ±01/3		GUIDE PIN CARD CONNECTOR				
C	v70454	LSS		5/30/97				.XXX ±.005/.13						
D	v71003	JM		10/12/97				.XXXX ±.0020/.051						
E	v02512	AZ		10/18/00		dr	L. SANDERS	4/12/95		dwg no		sheet 1 of 4		size
F	M05-0181	ERE		09/05/05		enr	H. SUNDY	4/12/95				93112		A3
G	M06-0117	ERE		06/07/06		chr	H. SUNDY	4/12/95						
H	M07-0137	MHT		2/26/07		appd	H. SUNDY	4/12/95						
sheet index		revision		H	H	H	H				type Product Customer Drawing			
		sheet		1	2	3	4							

form: A3

PRODUCT NUMBER

SEE TABLE

FIGURE 1
SCALE 10/1

NOTES:

- 1 HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON
PER UL 94V-0
COLOR: BLACK
- 2 TERMINAL MATERIAL:
BODY: BRASS .010/.25 THICK
SPRING: BeCu HEAT TREATED
BODY PLATING:
30 MICROINCH GOLD/.76 MICRON OVER 50 MICROINCH
NICKEL/1.27 MICRON IN CONTACT AREA.
GOLD FLASH OVER REMAINDER OF BODY
SPRING PLATING: GOLD FLASH
SOLDER TAIL TO BE PLATED 100 MICROINCH 2.54 MICRON
Sn (NOTE 8) OVER 50 MICROINCH 1.27 MICRON NICKLE
- 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/.889±.51.
- 4 .003/.08 THICK TERMINAL SPRING FOR P/N GREATER THAN 50 POSITION.
.0035 THICK TERMINAL SPRING FOR P/N LESS THAN 50 POSITION.
- ⑤ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- ⑥ THESE PRODUCTS MEET 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.
- ⑧ "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		
H					angles	linear		GUIDE PIN CARD CONNECTOR		
							INCH/MM	scale 3:1		
					dr	L. SANDERS	4/12/95			
					enr	H. SUNDY	4/12/95			
					chr	H. SUNDY	4/12/95			
					appd	H. SUNDY	4/12/95			
sheet	revision							dwg no		
index	sheet							93112		
								sheet 2 of 4 size		
								A3		
								type Product Customer Drawing		

form: A3



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PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
93112-505	2 X 5	.40/10.2	.758/19.25	YES	NOTE 5, 6
-506	2 X 6	.50/12.7	.858/21.79		
-507	2 X 7	.60/15.2	.958/24.33		
-508	2 X 8	.70/17.8	1.058/26.87		
-509	2 X 9	.80/20.3	1.158/29.41		
-510	2 X 10	.90/22.9	1.258/31.95		
-511	2 X 11	1.00/25.4	1.358/34.49		
-512	2 X 12	1.10/27.9	1.458/37.03		
-513	2 X 13	1.20/30.5	1.558/39.57		
-514	2 X 14	1.30/33.0	1.658/42.11		
-515	2 X 15	1.40/35.6	1.758/44.65		
-516	2 X 16	1.50/38.1	1.858/47.19		
-517	2 X 17	1.60/40.6	1.958/49.73		
-518	2 X 18	1.70/43.2	2.058/52.27		
-519	2 X 19	1.80/45.7	2.158/54.81		
-520	2 X 20	1.90/48.3	2.258/57.35		
-521	2 X 21	2.00/50.1	2.358/59.89		
-522	2 X 22	2.10/53.3	2.458/62.43		
-523	2 X 23	2.20/55.9	2.558/64.97		
-524	2 X 24	2.30/58.4	2.658/67.51		
-525	2 X 25	2.40/61.0	2.758/70.05		
-526	2 X 26	2.50/63.5	2.858/72.59		
-527	2 X 27	2.60/66.0	2.958/75.13		
-528	2 X 28	2.70/68.6	3.058/77.67		
-529	2 X 29	2.80/71.1	3.158/80.21		
-530	2 X 30	2.90/73.7	3.258/82.75		
-531	2 X 31	3.00/76.2	3.358/85.29		
-532	2 X 32	3.10/78.7	3.458/87.83		
-533	2 X 33	3.20/81.3	3.558/90.37		
-534	2 X 34	3.30/83.8	3.658/92.91		
-535	2 X 35	3.40/86.4	3.758/95.45		
-536	2 X 36	3.50/88.9	3.858/97.99		
-537	2 X 37	3.60/91.4	3.958/100.53		
93112-538	2 X 38	3.70/94.0	4.058/103.07	YES	NOTE 5, 6

PRODUCT NUMBER	NO. OF POS.	DIM A	DIM B	INSULATION PLUG	LEAD FREE OPTION
93112-539	2 X 39	3.80/96.5	4.158/105.61	YES	NOTE 5, 6
-540	2 X 40	3.90/99.1	4.258/108.15		
-541	2 X 41	4.00/101.6	4.358/110.69		
-542	2 X 42	4.10/104.1	4.458/113.23		
-543	2 X 43	4.20/106.7	4.558/115.77		
-544	2 X 44	4.30/109.2	4.658/118.31		
-545	2 X 45	4.40/111.8	4.758/120.85		
-546	2 X 46	4.50/114.3	4.858/123.39		
-547	2 X 47	4.60/116.8	4.958/125.93		
-548	2 X 48	4.70/119.4	5.058/128.47		
-549	2 X 49	4.80/121.9	5.158/131.01		
-550	2 X 50	4.90/124.5	5.258/133.55		
-551	2 X 51	5.00/127.0	5.358/136.09		
-552	2 X 52	5.10/129.5	5.458/138.63		
-553	2 X 53	5.20/132.1	5.558/141.17		
-554	2 X 54	5.30/134.6	5.658/143.71		
-555	2 X 55	5.40/137.2	5.758/146.25		
-556	2 X 56	5.50/139.7	5.858/148.79		
-557	2 X 57	5.60/142.2	5.958/151.33		
-558	2 X 58	5.70/144.8	6.058/153.87		
-559	2 X 59	5.80/147.3	6.158/156.41		
-560	2 X 60	5.90/149.9	6.258/158.95		
-561	2 X 61	6.00/152.4	6.358/161.49		
-562	2 X 62	6.10/154.9	6.458/164.03		
-563	2 X 63	6.20/157.5	6.558/166.57		
-564	2 X 64	6.30/160.0	6.658/169.11		
93112-565	2 X 65	6.40/162.6	6.758/171.65	YES	NOTE 5, 6

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406		INCH/MM		CARD CONN	
ISO 1101		tolerances unless otherwise specified		linear		scale 3:1		title	
ltr		ecn		no		dr		date	
H								4/12/95	
								4/12/95	
								4/12/95	
								4/12/95	
								4/12/95	
sheet		revision							
index		sheet							

title		sheet 4 of 4		size	
GUIDE PIN CARD CONNECTOR		93112		A3	
type		Product		Customer Drawing	