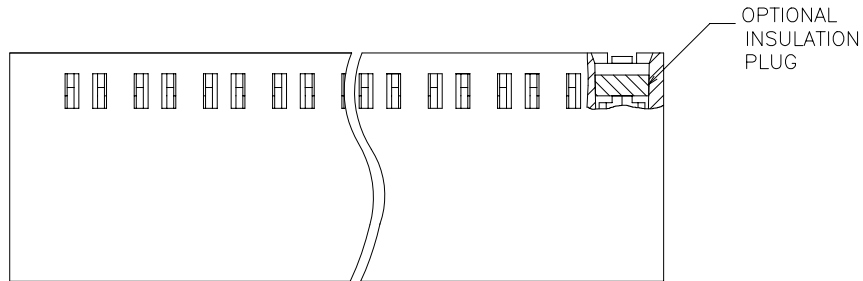




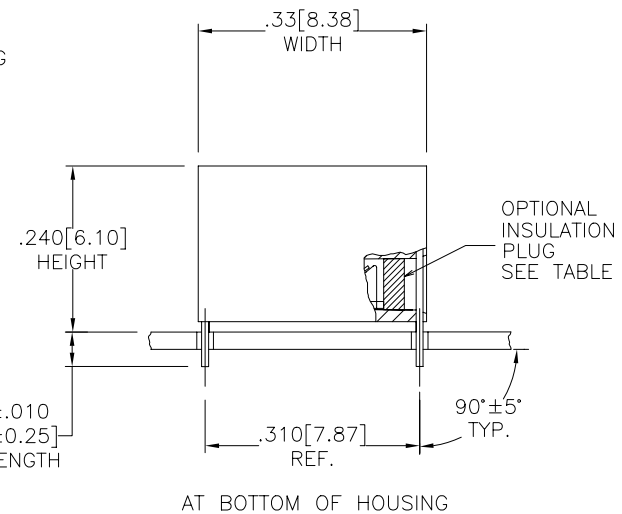
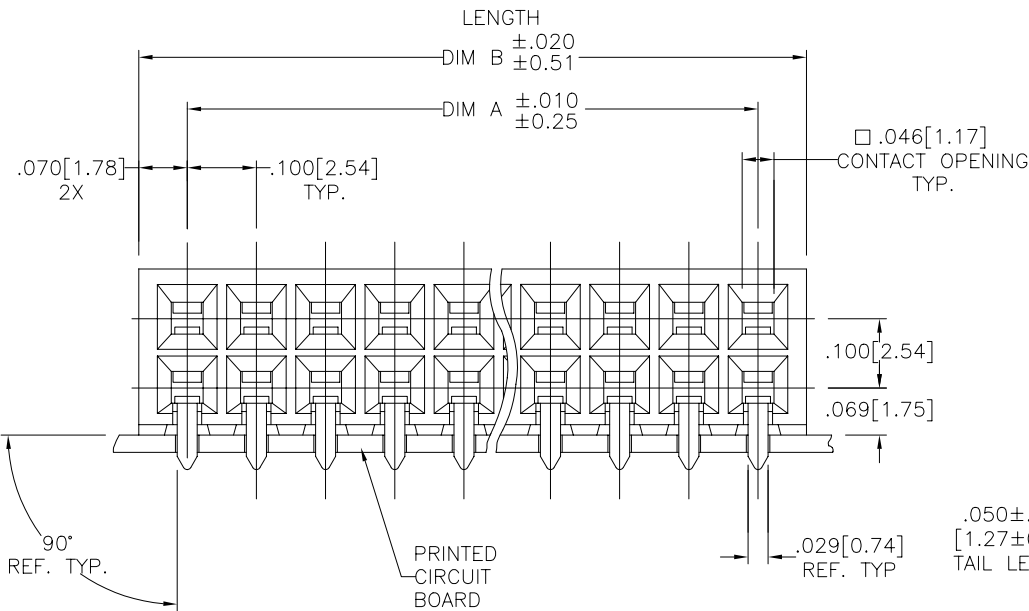
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PRODUCT NO.
SEE TABLE



OPTIONAL
INSULATION
PLUG



mat'l. code				surface  tolerance ISO 1302 ISO 406 ISO 1101				projection 		product family CARD CONN			
itr ecn no dr date				tolerances unless otherwise specified				 INCH/MM		title 2 x.100 HORIZ. CARD CONN. .050 LEG 30 Au			
A v70467 RGD 3/20/90				angles linear .XX ±.01/.3									
B v02386 RZ 10/14/97				.XXX ±.005/.13				scale 4:1		dwg no sheet 1 of 6 size 67943 A3			
C v02386 AZ 10/06/00				0°±2' .XXXX ±.0020/.051									
D M05-0181 MHT 8/22/05				dr J. SHREINER 3/20/90						type Product Customer Drawing			
E M06-0117 AEA 06/27/06				enr M. HAHN 3/20/90									
				chr M. HAHN 3/20/90									
				appd M. HAHN 3/20/90									
sheet index		revision sheet		E	E	E	E	E	E	E	E	E	E
				1	2	3	4	5	6				
				4				5		6			

form: A3



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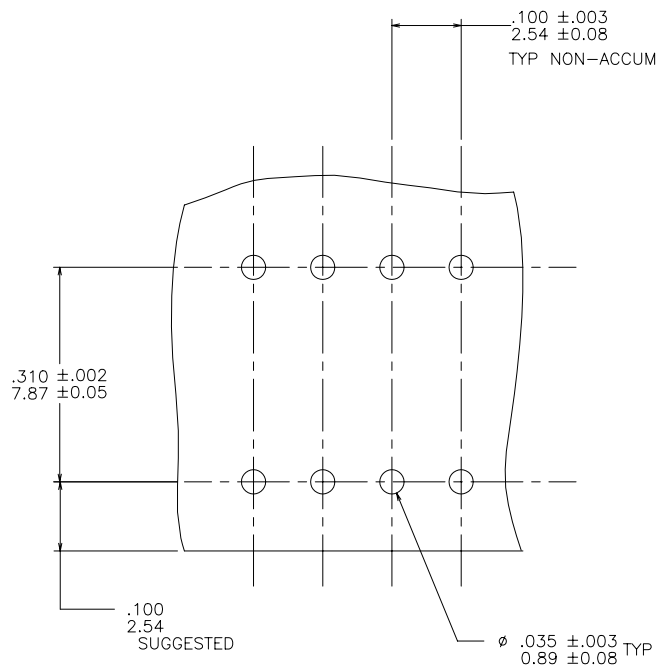
PRODUCT NO.
SEE TABLE

FIGURE 1

NOTES.

- HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON, COLOR BLACK
- TERMINAL MATERIAL:
BODY. BRASS .010/0.25 THICK.
SPRING. BE-CU. HEAT TREATED
BODY PLATING.
30 MICROINCH GOLD/0.76 MICRON.
OVER 50 MICROINCH NICKEL / 1.27 MICRON
IN CONTACT AREA
SPRING PLATING. GOLD FLASH
- MARK "FCI" FCI PART NUMBER AND DATE CODE
PARTS 1 X 8 OR LESS HAVE THIS INFORMATION
ON TUBE LABEL INSTEAD OF HOUSING.
- APPLICATION INFORMATION.
A. RECOMMENDED MOUNTING HOLE PATTERN IS SHOWN IN FIG."1".
B. ALL MATING PINS TO BE .025/0.64 SQUARE ON TRUE CENTER OF GIVEN TERMINAL SPACINGS WITHIN .015/0.38 DIA.
- ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
- THESE PRODUCT MEETS 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 A WAVE SOLDER, INFRA-RED OR VAPOR PHASE SOLDER PROCESS.

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		title 2 x.100 HORIZ. CARD CONN. .050 LEG 30 Au			
E					angles	linear	.XX ±.01/.3						
							.XXX ±.005/.13	scale 4:1		dwg no sheet2 of 6 67943 size A3			
					0°±2°		.XXXX ±.0020/.051						
					dr	J. SHREINER	3/20/90			type Product Customer Drawing			
					enfr	M. HAHN	3/20/90						
					chr	M. HAHN	3/20/90						
					appd	M. HAHN	3/20/90						
sheet index		revision sheet											

form: A3



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PRODUCT NO.		NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION										
67943-001			UNASSIGNED			NOTE 5,6	UNASSIGNED									
-002		2X2	.100/2.54	.240/6.10	NO											
-003		2X3	.200/5.08	.340/8.64												
-004		2X4	.300/7.62	.440/11.18												
-005		2X5	.400/10.16	.540/13.72												
-006		2X6	.500/12.70	.640/16.26												
-007		2X7	.600/15.24	.740/18.80												
-008		2X8	.700/17.78	.840/21.34												
-009		2X9	.800/20.32	.940/23.88												
-010		2X10	.900/22.86	1.040/26.42												
-011		2X11	1.00/25.40	1.140/28.96												
-012		2X12	1.10/27.94	1.240/31.50												
-013		2X13	1.20/30.48	1.340/34.04												
-014		2X14	1.30/33.02	1.440/36.58												
-015		2X15	1.40/35.56	1.540/39.12												
-016		2X16	1.50/38.10	1.640/41.66												
-017		2X17	1.60/40.64	1.740/44.20												
-018		2X18	1.70/43.18	1.840/46.74												
-019		2X19	1.80/45.72	1.940/49.28												
-020		2X20	1.90/48.26	2.040/51.82												
-021		2X21	2.00/50.80	2.140/54.36												
-022		2X22	2.10/53.34	2.240/56.90												
-023		2X23	2.20/55.88	2.340/59.44												
-024		2X24	2.30/58.42	2.440/61.98												
-025		2X25	2.40/60.96	2.540/64.52												
-026		2X26	2.50/63.50	2.640/67.06												
-027		2X27	2.60/66.04	2.740/69.60												
-028		2X28	2.70/68.58	2.840/72.14												
-029		2X29	2.80/71.12	2.940/74.68												
-030		2X30	2.90/73.66	3.040/77.22												
-031		2X31	3.00/76.20	3.140/79.76												
-032		2X32	3.10/78.74	3.240/82.30												
-033		2X33	3.20/81.28	3.340/84.84												
-034		2X34	3.30/83.82	3.440/87.38												
-035		2X35	3.40/86.36	3.540/89.92												
-036		2X36	3.50/88.90	3.640/92.46												
-037		2X37	3.60/91.44	3.740/95.00												
-038		2X38	3.70/93.98	3.840/97.54												
-039		2X39	3.80/96.52	3.940/100.08												
67943-040		2X40	3.90/99.06	4.040/102.62	NO	NOTE 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					title											
E							angles		linear			.XX ±.01/.3		INCH/MM		2 x.100 HORIZ. CARD							
												.XXX ±.005/.13				CONN. .050 LEG 30 Au							
							0'±2'					.XXXX ±.0020/.051		scale 4:1									
							dr		J. SHREINER			3/20/90				dwg no		sheet3 of 6		size			
							engr		M. HAHN			3/20/90				67943		A3					
							chr		M. HAHN			3/20/90											
							appd		M. HAHN			3/20/90											
sheet index		revision sheet																					

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PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
67943-041	2X41	4.00/101.6	4.14/105.1	NO	NOTE 5,6
↑ -042	2X42	4.10/104.1	4.24/107.7	↑	
-043	2X43	4.20/106.6	4.34/110.2		
-044	2X44	4.30/109.2	4.44/112.7		
-045	2X45	4.40/111.7	4.54/115.3		
-046	2X46	4.50/114.3	4.64/117.8		
-047	2X47	4.60/116.8	4.74/120.4		
-048	2X48	4.70/119.3	4.84/122.9		
-049	2X49	4.80/121.9	4.94/125.4		
-050	2X50	4.90/124.4	5.04/128.0		
-051	2X51	5.00/127.0	5.14/130.5		
-052	2X52	5.10/129.5	5.24/133.1		
-053	2X53	5.20/132.0	5.34/135.6		
-054	2X54	5.30/134.6	5.44/138.1		
-055	2X55	5.40/137.1	5.54/140.7		
-056	2X56	5.50/139.7	5.64/143.2		
-057	2X57	5.60/142.2	5.74/145.8		
-058	2X58	5.70/144.7	5.84/148.3		
-059	2X59	5.80/147.3	5.94/150.8		
-060	2X60	5.90/149.8	6.04/153.4		
-061	2X61	6.00/152.4	6.14/155.9		
-062	2X62	6.10/154.9	6.24/158.5		
-063	2X63	6.20/157.4	6.34/161.0		
-064	2X64	6.30/160.0	6.44/163.5		
↓ 67943-065	2X65	6.40/162.5	6.54/166.1	NO	NOTE 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
E					angles linear .XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		2 x.100 HORIZ. CARD CONN. .050 LEG 30 Au
					0'±2'		
				dr	J. SHREINER 3/20/90		dwg no
				enr	M. HAHN 3/20/90		sheet 4 of 6 size
				chr	M. HAHN 3/20/90		67943 A3
				appd	M. HAHN 3/20/90		type Product Customer Drawing
sheet index	revision sheet						



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PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
67943-501		UNASSIGNED			NOTE 5,6
-502	2X2	.10/2.5	.24/6.10	YES	UNASSIGNED
-503	2X3	.20/5.0	.34/8.6		
-504	2X4	.30/7.6	.44/11.1		
-505	2X5	.40/10.1	.54/13.7		
-506	2X6	.50/12.7	.64/16.2		
-507	2X7	.60/15.2	.74/18.8		
-508	2X8	.70/17.7	.84/21.3		
-509	2X9	.80/20.3	.94/23.8		
-510	2X10	.90/22.8	1.04/26.4		
-511	2X11	1.00/25.4	1.14/28.9		
-512	2X12	1.10/27.9	1.24/31.5		
-513	2X13	1.20/30.4	1.34/34.0		
-514	2X14	1.30/33.0	1.44/36.5		
-515	2X15	1.40/35.5	1.54/39.1		
-516	2X16	1.50/38.1	1.64/41.6		
-517	2X17	1.60/40.6	1.74/44.2		
-518	2X18	1.70/43.1	1.84/46.7		
-519	2X19	1.80/45.7	1.94/49.2		
-520	2X20	1.90/48.2	2.04/51.8		
-502	2X21	2.00/50.8	2.14/54.3		
-503	2X22	2.10/53.3	2.24/56.9		
-504	2X23	2.20/55.8	2.34/59.4		
-505	2X24	2.30/58.4	2.44/61.9		
-506	2X25	2.40/60.9	2.54/64.5		
-507	2X26	2.50/63.5	2.64/67.0		
-508	2X27	2.60/66.0	2.74/69.6		
-509	2X28	2.70/68.5	2.84/72.1		
-510	2X29	2.80/71.1	2.94/74.6		
-511	2X30	2.90/73.6	3.04/77.2		
-512	2X31	3.00/76.2	3.14/79.7		
-513	2X32	3.10/78.7	3.24/82.3		
-514	2X33	3.20/81.2	3.34/84.8		
-515	2X34	3.30/83.8	3.44/87.3		
-516	2X35	3.40/86.3	3.54/89.9		
-517	2X36	3.50/88.9	3.64/92.4		
-518	2X37	3.60/91.4	3.74/95.0		
-519	2X38	3.70/93.9	3.84/97.5		
-520	2X39	3.80/96.5	3.94/100.0		
67943-520	2X40	3.90/99.0	4.04/102.6	YES	NOTE 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			title
E				angles	linear	INCH/MM	2 x.100 HORIZ. CARD
				0'±2'	.XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051	scale 4:1	CONN. .050 LEG 30 Au
				dr	J. SHREINER	3/20/90	dwg no
				enr	M. HAHN	3/20/90	sheet 5 of 6 size
				chr	M. HAHN	3/20/90	67943 A3
				appd	M. HAHN	3/20/90	type Product Customer Drawing
sheet index	revision sheet						

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PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
67943-541	2X41	4.00/101.6	.120/3.05	YES	NOTE 5,6
-542	2X42	4.10/104.1	.220/5.59		
-543	2X43	4.20/106.6	.320/8.13		
-544	2X44	4.30/109.2	.420/10.67		
-545	2X45	4.40/111.7	.520/13.21		
-546	2X46	4.50/114.3	.620/15.75		
-547	2X47	4.60/116.8	.720/18.27		
-548	2X48	4.70/119.3	.820/20.83		
-549	2X49	4.80/121.9	.920/23.37		
-550	2X50	4.90/124.4	1.020/25.91		
-551	2X51	5.00/127.0	1.120/28.45		
-552	2X52	5.10/129.5	1.220/30.99		
-553	2X53	5.20/132.0	1.320/33.53		
-554	2X54	5.30/134.6	1.420/36.07		
-555	2X55	5.40/137.1	1.520/38.61		
-556	2X56	5.50/139.7	1.620/41.15		
-557	2X57	5.60/142.2	1.720/43.69		
-558	2X58	5.70/144.7	1.820/46.23		
-559	2X59	5.80/147.3	1.920/48.77		
-560	2X60	5.90/149.8	2.020/51.31		
-561	2X61	6.00/152.4	2.120/53.85		
-562	2X62	6.10/154.9	2.220/56.39		
-563	2X63	6.20/157.4	2.320/58.93		
-564	2X64	6.30/160.0	2.420/61.47		
-565	2X65	6.40/162.5	2.520/64.01		
-908	2X8	.700/17.7	2.620/66.55		
67943-912	2X12	1.10/27.9	2.720/69.09	YES	NOTE 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
E					angles linear .XX ±.01/.3 .XXX ±.005/.13 .XXXX ±.0020/.051		2 x.100 HORIZ. CARD CONN. .050 LEG 30 Au
					0'±2'		
				dr	J. SHREINER 3/20/90		dwg no
				enr	M. HAHN 3/20/90		sheet 6 of 6 size
				chr	M. HAHN 3/20/90		67943 A3
				appd	M. HAHN 3/20/90		type Product Customer Drawing
sheet index	revision sheet						