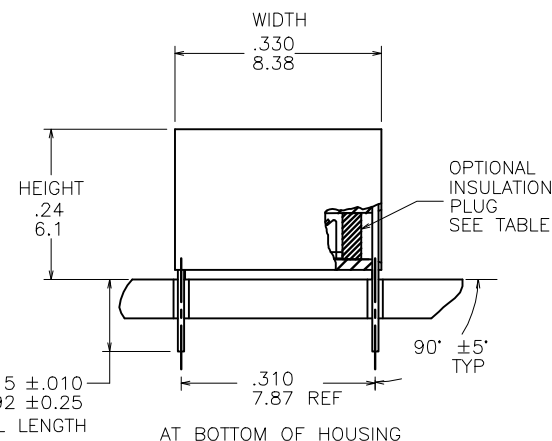
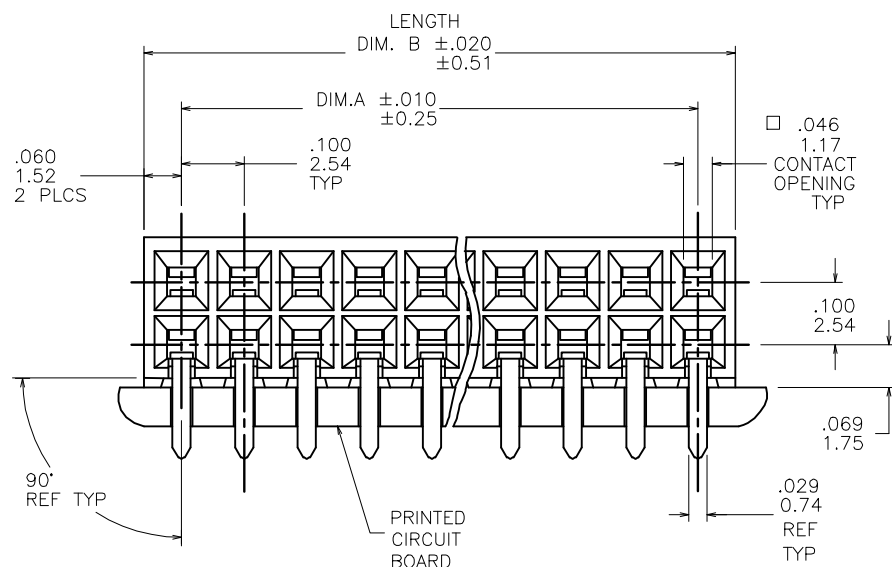
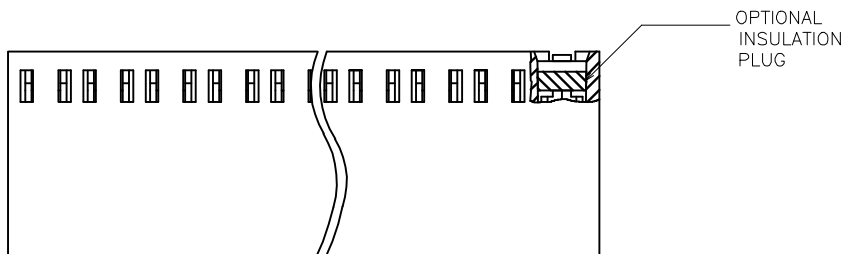
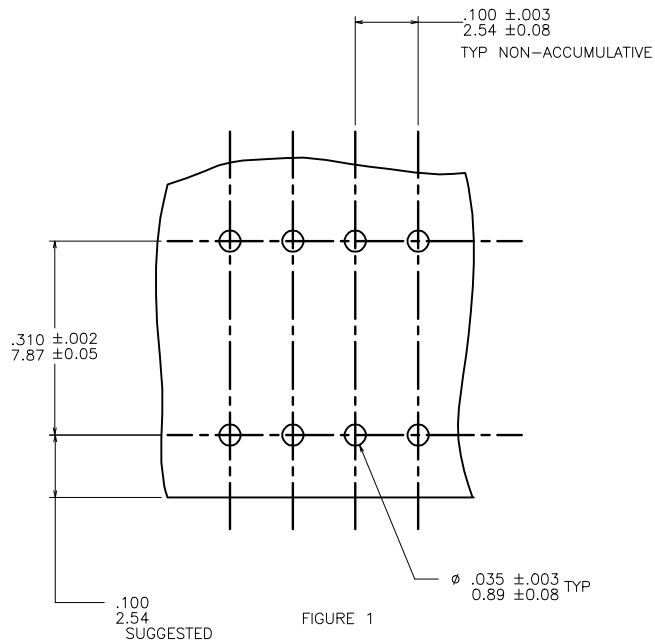


PRODUCT NO.
SEE TABLE



mat'l. code				surface	tolerance	projection	product family
—				ISO 1302	ISO 406 ISO 1101	ISO 1008	CARD CONN.
litr	ecn no	dr	date	tolerances unless otherwise specified			
K	V70746	EPK	4/24/97	angles	linear	INCH/MM	title
L	V70994	JM	10/19/97				HORIZ. CARD CONN.
M	V02523	AZ	10/25/00	0° $\pm 2^\circ$		scale 4:1	D/R .100/2.54 CL
N	M05-0245	MHT	11/23/05	dr	J. SHREINER	3/23/90	dwg no
P	M07-0137	MHT	2/26/07	engr	M. HAHN	3/23/90	sheet 1 of 7
R	M08-0232	MHT	8/14/08	chr	M. HAHN	3/23/90	size
S	M09-0093	MHT	6/22/09	appd	M. HAHN	3/23/90	A3
sheet	revision	S	S	S	S	S	type
index	sheet	1	2	3	4	5	Product Customer Drawing

PRODUCT NO.
SEE TABLE



NOTES.

1. HOUSING MATERIAL:
FILLED HIGH TEMPERATURE NYLON.
PER UL 94V-0
COLOR: BLACK
2. TERMINAL MATERIAL:
BODY: BRASS .010/0.25 THICK.
SPRING: BE-CU. HEAT TREATED
BODY PLATING:
30 MICROINCH/0.76 MICRON GOLD OR GXT OVER 50 MICROINCH
NICKEL/1.27 MICRON IN CONTACT AREA.
SOLDER TAIL: 100u" PURE TIN (NOTE 9) OVER .050u" NICKEL.
SPRING PLATING: GOLD FLASH
3. MARK "FCI" FCI PART NUMBER AND DATE CODE
LEGIBLE ON TUBE LABEL.
4. 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.
C. SUGGESTED MATING PIN LENGTH .350±.020/8.89±0.51.
5. SOLDER TAIL TO HAVE GOLD FLASH OVER .050u" NICKEL.
- ⑥ ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD
FREE OPTION.
- ⑦ THESE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
8. THIS PART WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE
FOR 20 SECONDS IN A WAVE SOLDER, INFRA-RED OR VAPOR PHASE
SOLDER PROCESS.
- ⑨ THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND
HAS NOT BEEN TESTED FOR WISKER GROWTH IN ALL INTERCONNECT
REQUIREMENTS
- ⑩ PLATING OPTIONS:
MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.

mat'l code				surface ISO 1902		☒ tolerance ISO 406 ☐ ISO 1101		projection 		product family CARD CONN.			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
S				angles	linear	XX±0/XX±0.3		INCH/MM		HORIZ. CARD CONN. D/R .100/2.54 CL			
						XXX±.05/XX±0.3							
				O'±.2'		XXXX±.0020/XXXX±0.05							
				eng	J. SHREINER	3/23/90				dwg no			
				dvr	M. HAHN	3/23/90				sheet 2 of 7 size			
				chr	M. HAHN	3/23/90				66925			
				appd	M. HAHN	3/23/90				A3			
sheet index		revision sheet								type Product Customer Drawing			



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PRODUCT NUMBER		NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION		
66925-001	2X1	.90/.9	.120/3.05	NO			UNASSIGNED	
-002	2X2	.10/2.5	.220/5.59				UNASSIGNED	
-003	2X3	.20/5.0	.320/8.13			NOTE -6,7	OBSOLETE	
-004	2X4	.30/7.6	.420/10.67				OBSOLETE	
-005	2X5	.40/10.1	.520/13.21					
-006	2X6	.50/12.7	.620/15.75					
-007	2X7	.60/15.2	.720/18.27					
-008	2X8	.70/17.7	.820/20.83					
-009	2X9	.80/20.3	.920/23.37					
-010	2X10	.90/22.8	1.020/25.91					
-011	2X11	1.00/25.4	1.120/28.45					
-012	2X12	1.10/27.9	1.220/30.99					
-013	2X13	1.20/30.4	1.320/33.53					
-014	2X14	1.30/33.0	1.420/36.07					
-015	2X15	1.40/35.5	1.520/38.61					
-016	2X16	1.50/38.1	1.620/41.15					
-017	2X17	1.60/40.6	1.720/43.69					
-018	2X18	1.70/43.1	1.820/46.23					
-019	2X19	1.80/45.7	1.920/48.77					
-020	2X20	1.90/48.2	2.020/51.31					
-021	2X21	2.00/50.8	2.120/53.85					
-022	2X22	2.10/53.3	2.220/56.39					
-023	2X23	2.20/55.8	2.320/58.93					
-024	2X24	2.30/58.4	2.420/61.47					
-025	2X25	2.40/60.9	2.520/64.01					
-026	2X26	2.50/63.5	2.620/66.55					
-027	2X27	2.60/66.0	2.720/69.09					
-028	2X28	2.70/68.5	2.820/71.63					
-029	2X29	2.80/71.1	2.920/74.17					
-030	2X30	2.90/73.6	3.020/76.71					
-031	2X31	3.00/76.2	3.120/79.25					
-032	2X32	3.10/78.7	3.220/81.79					
-033	2X33	3.20/81.2	3.320/84.33					
-034	2X34	3.30/83.8	3.420/86.87					
-035	2X35	3.40/86.3	3.520/89.41					
-036	2X36	3.50/88.9	3.620/91.95					
-037	2X37	3.60/91.4	3.720/94.49					
-038	2X38	3.70/93.9	3.820/97.03					
-039	2X39	3.80/96.5	3.920/99.57					
66925-040	2X40	3.90/99.0	4.020/102.11	NO		NOTE 6,7		

mat'l. code	surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101		CARD CONN.
litr	ecr no	dr	date	title
S				HORIZ. CARD CONN.
				D/R .100/2.54 CL
				dwg no
				sheet 3 of 7
				size
				A3
				type
				Product Customer Drawing
sheet	revision			
index	sheet			

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66925-041	2X41	4.00/101.6	4.120/104.65	NO	NOTE 6,7
-042	2X42	4.10/104.1	4.220/107.19		
-043	2X43	4.20/106.6	4.320/109.73		
-044	2X44	4.30/109.2	4.420/112.27		
-045	2X45	4.40/111.7	4.520/114.81		
-046	2X46	4.50/114.3	4.620/117.35		
-047	2X47	4.60/116.8	4.720/119.89		
-048	2X48	4.70/119.3	4.820/122.43		
-049	2X49	4.80/121.9	4.920/124.97		
-050	2X50	4.90/124.4	5.020/127.51		
-051	2X51	5.00/127.0	5.120/130.05		
-052	2X52	5.10/129.5	5.220/132.59		
-053	2X53	5.20/132.0	5.320/135.15		
-054	2X54	5.30/134.6	5.420/137.67		
-055	2X55	5.40/137.1	5.520/140.21		
-056	2X56	5.50/139.7	5.620/142.76		
-057	2X57	5.60/142.2	5.720/145.29		
-058	2X58	5.70/144.7	5.820/147.83		
-059	2X59	5.80/147.3	5.920/150.37		
-060	2X60	5.90/149.8	6.020/152.91		
-061	2X61	6.00/152.4	6.120/155.45		
-062	2X62	6.10/154.9	6.220/157.99		
-063	2X63	6.20/157.4	6.320/160.53		
-064	2X64	6.30/160.0	6.420/163.07		
66925-065	2X65	6.40/162.5	6.520/165.61	NO	
-066 THRU					NOTE 6,7 OBSOLETE
-100					



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mat'l. code		surface ISO 1502		tolerance ISO 406 ISO 1101	projection	product family CARD CONN.	
lir	ecn no	dr	date	tolerances unless otherwise specified		title	
S				angles	linear	HORIZ. CARD CONN. D/R .100/2.54 CL	
				0'±2"	XXX ±.01/XXX±0.3 XXX±.005/XXX±0.13 XXX ±.0020/XXX±0.051	INCH/MM scale 4:1	
		dr	J. SHREINER	3/23/90	FCI		
		engr	M. HAHN	3/23/90			
		chr	M. HAHN	3/23/90			
		appd	M. HAHN	3/23/90	dwg no 66925 sheet 4 of 7 size A3		
sheet index		revision sheet		type Product Customer Drawing			



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1		2		3		4		5		6	
PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION						
66925-501	2X1	.00/.0	.120/3.05	YES	NOTE 6,7	UNASSIGNED					
-502	2X2	.10/2.5	.220/5.59			UNASSIGNED					
-503	2X3	.20/5.0	.320/8.13	YES		OBSOLETE					
-504	2X4	.30/7.6	.420/10.67			OBSOLETE					
-505	2X5	.40/10.1	.520/13.21								
-506	2X6	.50/12.7	.620/15.75								
-507	2X7	.60/15.2	.720/18.27								
-508	2X8	.70/17.7	.820/20.83								
-509	2X9	.80/20.3	.920/23.37								
-510	2X10	.90/22.8	1.020/25.91								
-511	2X11	1.00/25.4	1.120/28.45								
-512	2X12	1.10/27.9	1.220/30.99								
-513	2X13	1.20/30.4	1.320/33.53								
-514	2X14	1.30/33.0	1.420/36.07								
-515	2X15	1.40/35.5	1.520/38.61								
-516	2X16	1.50/38.1	1.620/41.15								
-517	2X17	1.60/40.6	1.720/43.69								
-518	2X18	1.70/43.1	1.820/46.23								
-519	2X19	1.80/45.7	1.920/48.77								
-520	2X20	1.90/48.2	2.020/51.31								
-521	2X21	2.00/50.8	2.120/53.85								
-522	2X22	2.10/53.3	2.220/56.39								
-523	2X23	2.20/55.8	2.320/58.93								
-524	2X24	2.30/58.4	2.420/61.47								
-525	2X25	2.40/60.9	2.520/64.01								
-526	2X26	2.50/63.5	2.620/66.55								
-527	2X27	2.60/66.0	2.720/69.09								
-528	2X28	2.70/68.5	2.820/71.63								
-529	2X29	2.80/71.1	2.920/74.17								
-530	2X30	2.90/73.6	3.020/76.71								
-531	2X31	3.00/76.2	3.120/79.25								
-532	2X32	3.10/78.7	3.220/81.79								
-533	2X33	3.20/81.2	3.320/84.33								
-534	2X34	3.30/83.8	3.420/86.87								
-535	2X35	3.40/86.3	3.520/89.41								
-536	2X36	3.50/88.9	3.620/91.95								
-537	2X37	3.60/91.4	3.720/94.49								
-538	2X38	3.70/93.9	3.820/97.03								
-539	2X39	3.80/96.5	3.920/99.57								
66925-540	2X40	3.90/99.0	4.020/102.11	YES		NOTE 6,7					

mat'l. code

ISO 1902

surface

ISO 406

tolerance

ISO 1101

projection

product family

CARD CONN.

title

HORIZ. CARD CONN.

D/R .100/2.54 CL

dwg no

66925

sheet 5 of 7

size

A3

type

Product Customer Drawing

revision

sheet

index

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
66925-541	2X41	4.00/101.6	4.120/104.65	YES	NOTE 6,7
-542	2X42	4.10/104.1	4.220/107.19		
-543	2X43	4.20/106.6	4.320/109.73		
-544	2X44	4.30/109.2	4.420/112.27		
-545	2X45	4.40/111.7	4.520/114.81		
-546	2X46	4.50/114.3	4.620/117.35		
-547	2X47	4.60/116.8	4.720/119.89		
-548	2X48	4.70/119.3	4.820/122.43		
-549	2X49	4.80/121.9	4.920/124.97		
-550	2X50	4.90/124.4	5.020/127.51		
-551	2X51	5.00/127.0	5.120/130.05		
-552	2X52	5.10/129.5	5.220/132.59		
-553	2X53	5.20/132.0	5.320/135.15		
-554	2X54	5.30/134.6	5.420/137.67		
-555	2X55	5.40/137.1	5.520/140.21		
-556	2X56	5.50/139.7	5.620/142.76		
-557	2X57	5.60/142.2	5.720/145.29		
-558	2X58	5.70/144.7	5.820/147.83		
-559	2X59	5.80/147.3	5.920/150.37		
-560	2X60	5.90/149.8	6.020/152.91		
-561	2X61	6.00/152.4	6.120/155.45		
-562	2X62	6.10/154.9	6.220/157.99		
-563	2X63	6.20/157.4	6.320/160.53		
-564	2X64	6.30/160.0	6.420/163.07		
66925-565	2X65	6.40/162.5	6.520/165.61	YES	NOTE 6,7
-566 THRU					
-600					

OBSOLETE



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mat'l. code		surface ISO 1502		tolerance ISO 406 ISO 1101	projection 	product family CARD CONN.	
lir	ecn no	dr	date	tolerances unless otherwise specified		title	
S				angles	linear	HORIZ. CARD CONN. D/R .100/2.54 CL	
				0'±2"	XXX ±.01/XXX±0.3 XXX±.005/XXX±0.13 XXX ±.0020/XXX±0.051	INCH/MM scale 4:1	
		dr	J. SHREINER	3/23/90			
		engr	M. HAHN	3/23/90			
		chr	M. HAHN	3/23/90			
		appd	M. HAHN	3/23/90	dwg no 66925 sheet 6 of 7 size A3		
sheet index	revision	sheet				type Product Customer Drawing	

form: A3

PRODUCT NUMBER	NO. OF POS.	DIM. A	DIM. B	INSUL. PLUG	SPECIAL MARKING	CUST. RESTR.	LEAD FREE OPTION
66925-800	2X50	4.90/124.4	5.02/127.5	NO	66925-800 104100110 DATE CODE	YES.	NOTE 6,7
66925-801	2X100	9.90/251.4	10.02/254.5	NO	66925-801 10410111 DATE CODE	YES.	OBSOLETE
66925-802	2X4	.30/7.6	.42/10.6	NO	FCI ↓	YES	OBSOLETE
66925-803	2X6	.50/12.7	.62/15.7	NO	FCI ↓	YES	NOTE 6,7



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mat'l. code		surface ISO 1302		tolerance ISO 406 ISO 1101		projection		product family	
—		✓						CARD CONN.	
litr	ecn no	dr	date	tolerances unless otherwise specified				title	
S				angles	linear	.XX±.01/.XX±.03 .XXX±.005/.XXX±.013 .XXX±.0025/.XXX±.005		HORIZ. CARD CONN. D/R .100/2.54 CL	
				0°±2'		scale 4:1		dwg no	
				dr	J. SHREINER	3/23/90		sheet 7 of 7	
				engr	M. HAHN	3/23/90		size	
				chr	M. HAHN	3/23/90		A3	
				appd	M. HAHN	3/23/90		type	
								Product Customer Drawing	
sheet index	revision	sheet							

form: A3