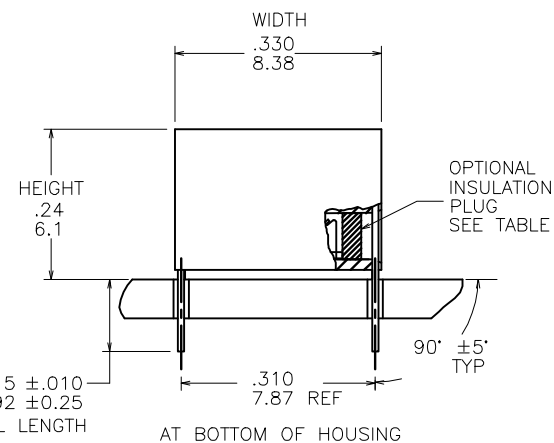
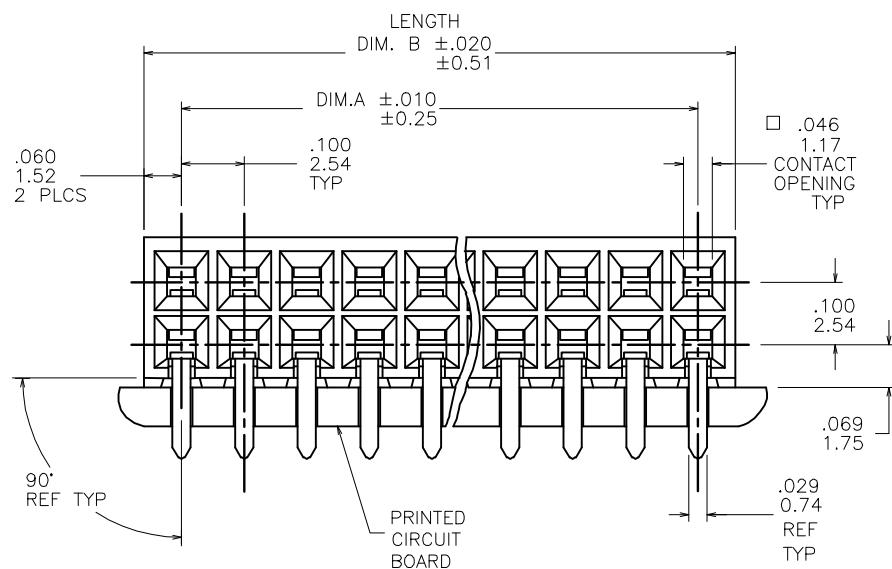
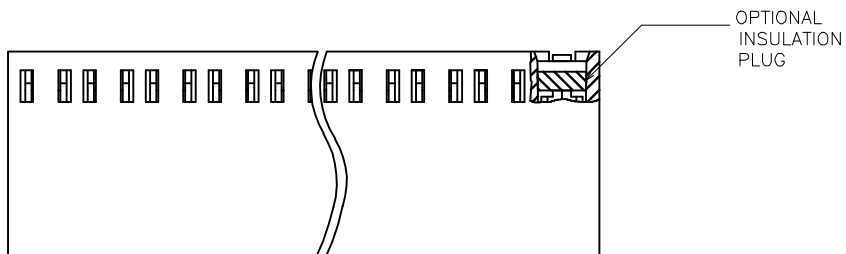
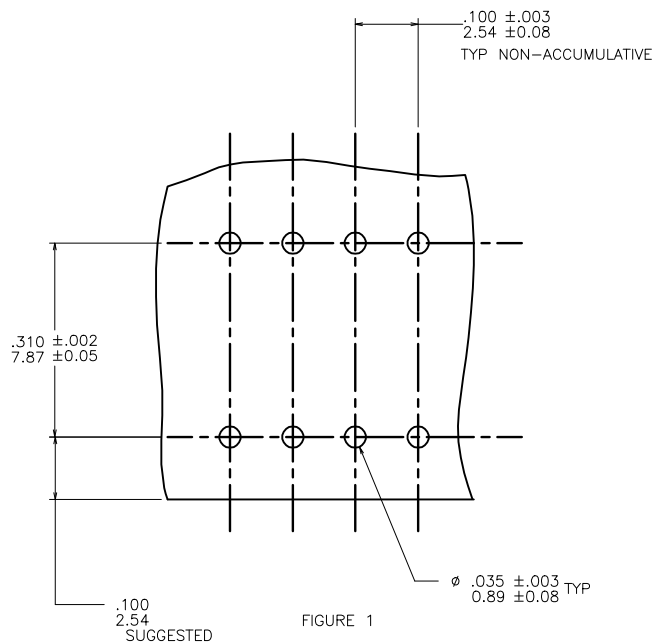


PRODUCT NO.
SEE TABLE



mat'l. code				surface	tolerance	projection	product family
—				ISO 1302	ISO 406 ISO 1101	INCH/MM	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			scale 4:1	HORIZ. CARD CONN.
M	V02523	AZ	10/25/00	0° $\pm 2^\circ$			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	tolerance	projection	product family
—		ISO 1302	ISO 406		CARD CONN.
ISO 1101		tolerances unless otherwise specified	ISO 1101		
ltr	ecr no	dr	date		title
S					HORIZ. CARD CONN.
					D/R .100/2.54 CL
					dwg no
					sheet 2 of 7
					size
					A3
					type
					Product Customer Drawing
sheet	revision				
index	sheet				



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1		2		3		4		5		6	
PRODUCT NUMBER		NO. OF POS.	DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION					
66925-001		2X1	.00/.0	.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

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 3 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
66925-041	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			
		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		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

dr

date

surface

tolerance

linear

angles

0° ± 2°

dr

engr

chr

appd

sheet index

revision sheet

ecn no

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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	FCI		
		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	ecr no	dr	date	tolerances unless otherwise specified				title	
S				angles	linear	.001±.01/.001±.03 .001±.005/.001±.013 .000±.0020/.000±.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	revision								
index	sheet								

form: A3