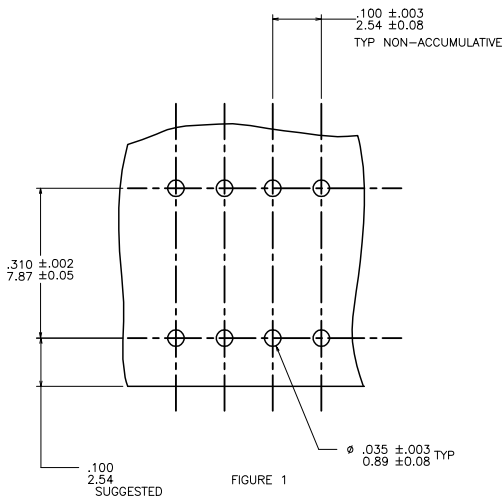


mat'l. code	surface ISO 1902	tolerance ISO 146 ISO 101	projection	product family
ltr	ec'n no	dr	date	tolerances unless otherwise specified
K	V70746	EPK	4/24/97	linear .010/.015
L	V70994	JM	10/19/97	angles .001/.002/.004/.01
M	V02523	AZ	10/25/00	0° $\pm 2^\circ$
N	M05-0249	MHT	11/23/05	dr J. SHREINER 3/23/90
P	M07-0137	MHT	2/26/07	enrg M. HAHN 3/23/90
R	M08-0232	MHT	8/14/08	chr M. HAHN 3/23/90
S	M09-0093	MHT	6/22/09	appd M. HAHN 3/23/90
sheet	revision	S	S	S
index	sheet	1	2	3
		4	5	6
		7		

file CARD CONN.  
 title HORIZ. CARD CONN.  
 D/R .100/2.54 CL  
 dwg no 66925  
 sheet 1 of 7 size A3  
 type 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 436 ISO 1901	projection	product family CARD CONN.
ltr	ec'n no	dr	date	title HORIZ. CARD CONN. D/R .100/2.54 CL
S				dwg no 66925
				sheet 2 of 7 size A3
				type Product Customer Drawing
sheet index	revision sheet			







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 1802	tolerance ISO 436 ISO 1801	projection	product family CARD CONN.
trf	ecn no	dr	date	tolerances unless otherwise specified
S				linear
				angles
				0° ± 2°
				dr J. SHREINER 3/23/90
				engr. M. HAHN 3/23/90
				chr. M. HAHN 3/23/90
				appd. M. HAHN 3/23/90
sheet index	revision sheet			



dwg no 66925 sheet 6 of 7 size A3

title HORIZ. CARD CONN. D/R .100/2.54 CL

type Product Customer Drawing

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 1902	tolerance ISO 436 ISO 1901	projection	product family
trf	ecn no	dr	date	tolerances unless otherwise specified
S				linear
				angles
				0° ± 2°
				dr. J. SHREINER 3/23/90
				engr. M. HAHN 3/23/90
				chr. M. HAHN 3/23/90
				appd. M. HAHN 3/23/90
sheet index	revision sheet			

