

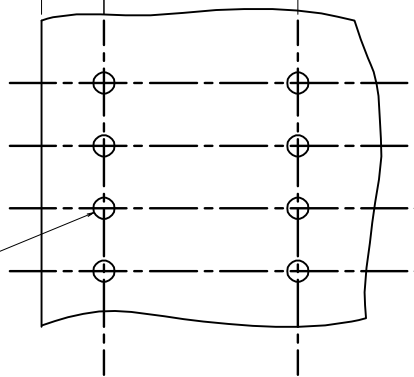


**THE DATASHEET OF
66925-525LF**





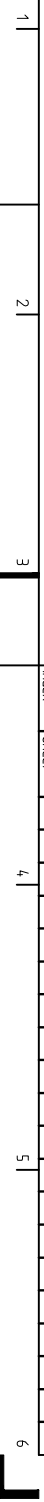
1.00 ±0.003
 2.54 ±0.08
 TYP NON-ACCUMULATIVE



0.035 ±0.003 TYP
 0.39 ±0.08

FIGURE 1

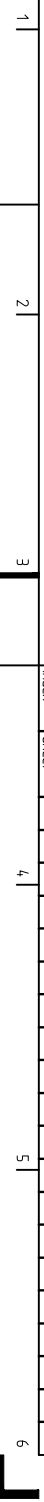
- NOTES:
1. HOUSING MATERIAL FILLED HIGH TEMPERATURE NYLON. PER UL 94V-0 COLOR: BLACK
 2. TERMINAL MATERIAL: BODY: BRASS .010/0.25 THICK. SPRING: BE-CU. HEAT TREATED BODY PLATING: 30 MICRON/1.27 MICRON IN CONTACT AREA. SOLDER TAIL: 100u" PURE TIN (NOTE 9) OVER .050u" NICKEL. SPRING PLATING: GOLD FLASH
 3. MARK "FCI" FOR 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/.064 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 "L" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
 7. THIS 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 1502		tolerance		projection		product family	
lit		ec'n no		date		ISO 1502		ISO 406		ISO 1101		CARD CONN.	
S						ISO 1502		ISO 406		ISO 1101			
						angles		MIL/DIN/AS13		INCH/MM			
						0°±2°		XXX XXX/XXX/XXX		SCALE 4:1			
				dr		J. SHREINER		3/23/90		FCI		dwg no	
				drg'		M. HAHN		3/23/90				66925	
				chr		M. HAHN		3/23/90				sheet 2 of 7	
				appr		M. HAHN		3/23/90				Size	
sheet		revision										A3	
index		sheet										Product Customer Drawing	

DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
4.00/101.6	4.120/104.65	NO	NOTE 6,7
4.10/104.1	4.220/107.19		
4.20/106.6	4.320/109.73		
4.30/109.2	4.420/112.27		
4.40/111.7	4.520/114.81		
4.50/114.3	4.620/117.35		
4.60/116.8	4.720/119.89		
4.70/119.3	4.820/122.43		
4.80/121.9	4.920/124.97		
4.90/124.4	5.020/127.51		
5.00/127.0	5.120/130.05		
5.10/129.5	5.220/132.59		
5.20/132.0	5.320/135.15		
5.30/134.6	5.420/137.67		
5.40/137.1	5.520/140.21		
5.50/139.7	5.620/142.76		
5.60/142.2	5.720/145.29		
5.70/144.7	5.820/147.83		
5.80/147.3	5.920/150.37		
5.90/149.8	6.020/152.91		
6.00/152.4	6.120/155.45		
6.10/154.9	6.220/157.99		
6.20/157.4	6.320/160.53		
6.30/160.0	6.420/163.07		
6.40/162.5	6.520/165.61	NO	NOTE 6,7 OBSOLETE

mat'l. code		surface		tolerance		projection		product family	
---		ISO 1302		ISO 406 ISO 1701		 INCH/MM SCALE 4:1		CARD CONN.	
lit	ECT NO	DR	DATE	siglas	linear	MM10/MM13	MM10/MM13	dwg no	sheet 4 of 7
S				0*2*	XXX XXXX/XXXX	Scale 4:1		HORIZ. CARD CONN.	66925
				DR	J. SHREINER	3/23/90		D/R .100/2.54 CL	A3
				DR	M. HAHN	3/23/90			
				DR	M. HAHN	3/23/90			
				DR	M. HAHN	3/23/90			
Sheet	revision							type	Product Customer Drawing
Index	Sheet								



DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
.00/.0	.129/3.05	YES	
.10/2.5	.229/5.81		
.20/5.0	.329/8.37	YES	NOTE 6,7
.30/7.6	.429/10.93		
.40/10.1	.529/13.49		
.50/12.7	.629/16.05		
.60/15.2	.729/18.61		
.70/17.7	.829/21.17		
.80/20.3	.929/23.73		
.90/22.8	1.029/26.29		
1.00/25.4	1.129/28.85		
1.10/27.9	1.229/31.41		
1.20/30.4	1.329/33.97		
1.30/33.0	1.429/36.53		
1.40/35.5	1.529/39.09		
1.50/38.1	1.629/41.65		
1.60/40.6	1.729/44.21		
1.80/45.7	1.929/49.37		
1.90/48.2	2.029/51.93		
2.00/50.8	2.129/54.49		
2.10/53.3	2.229/57.05		
2.20/55.8	2.329/59.61		
2.30/58.4	2.429/62.17		
2.40/60.9	2.529/64.73		
2.50/63.5	2.629/67.29		
2.60/66.0	2.729/69.85		
2.70/68.5	2.829/72.41		
2.80/71.1	2.929/74.97		
2.90/73.6	3.029/77.53		
3.00/76.2	3.129/80.09		
3.10/78.7	3.229/82.65		
3.20/81.2	3.329/85.21		
3.30/83.8	3.429/87.77		
3.40/86.3	3.529/90.33		
3.50/88.9	3.629/92.89		
3.60/91.4	3.729/95.45		
3.70/93.9	3.829/98.01		
3.80/96.5	3.929/100.57		
3.90/99.0	4.029/103.13	YES	NOTE 6,7


UNASSIGNED
UNASSIGNED
OBSOLETE
OBSOLETE

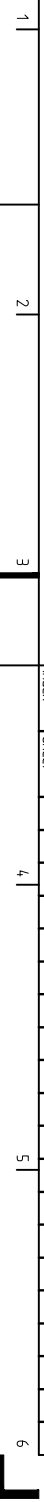
NOTE 6,7

mat'l. code		surface		tolerance		projection		product family	
---		ISO 1502		ISO 406		ISO 1101		CARD CONN.	
lit. eqn. no.		dr.		date		ISO 1502/ISO 406/ISO 1101		title	
S						INCH/MM		HORIZ. CARD CONN.	
		angles		linear		SCALE 4:1		D/R .100/2.54 CL	
		0°±2		XXX XXX/XXX/XXX				sheet 5 of 7	
		dr.		J. SHREINER		3/23/90		Size	
		eng.		M. HAHN		3/23/90		A3	
		dtr.		M. HAHN		3/23/90		Product Customer Drawing	
		appd.		M. HAHN		3/23/90			
Sheet		revision							
index		sheet							



DIM. A	DIM. B	INSULATION PLUG	LEAD FREE OPTION
4.00/101.6	4.120/104.65	YES	NOTE 6,7
4.10/104.1	4.220/107.19		
4.20/106.6	4.320/109.73		
4.30/109.2	4.420/112.27		
4.40/111.7	4.520/114.81		
4.50/114.3	4.620/117.35		
4.60/116.8	4.720/119.89		
4.70/119.3	4.820/122.43		
4.80/121.9	4.920/124.97		
4.90/124.4	5.020/127.51		
5.00/127.0	5.120/130.05		
5.10/129.5	5.220/132.59		
5.20/132.0	5.320/135.15		
5.30/134.6	5.420/137.67		
5.40/137.1	5.520/140.21		
5.50/139.7	5.620/142.76		
5.60/142.2	5.720/145.29		
5.70/144.7	5.820/147.83		
5.80/147.3	5.920/150.37		
5.90/149.8	6.020/152.91		
6.00/152.4	6.120/155.45		
6.10/154.9	6.220/157.99		
6.20/157.4	6.320/160.53		
6.30/160.0	6.420/163.07		
6.40/162.5	6.520/165.61	YES	

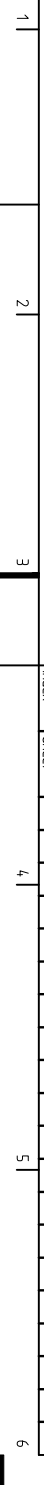
OBSOLETE	
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mat'l. code		surface		tolerance		projection		product family	
---		ISO 1902		✓ ISO 406 ISO 1701		 INCH/MM Scale 4:1		CARD CONN.	
lit	ECT no	dr	date	angles	linear	MM/INCH/INCH	scale	4:1	title
S				0°±2	linear	MM/INCH/INCH	scale	4:1	HORIZ. CARD CONN.
						MM/INCH/INCH			D/R .100/2.54 CL
				dr	J. SHREINER	3/23/90			dwg no
				eng'	M. HAHN	3/23/90			66925
				ctr	M. HAHN	3/23/90			sheet 6 of 7
				appd	M. HAHN	3/23/90			Size
									A3
Sheet	revision								Product Customer Drawing
Index	Sheet								



1	2	3	4	5	6
DIM.A	DIM. B	INSUL. PLUG	SPECIAL MARKING	CUST. RESTR.	LEAD FREE OPTION
4.90/124.4	5.02/127.5	NO	66925-800 104100110 DATE CODE	YES.	NOTE 6,7
9.90/251.4	10-Ø2/254.5	NO	66925-801 10410111 DATE CODE	YES.	OBSELETE
.30/7.6	.42/10.6	NO	FCI ↑	YES	OBSELETE
.50/12.7	.62/15.7	NO	FCI ↑	YES	NOTE 6,7

mat'l. code		surface		tolerance		projection		product family	
—		ISO 1902 ISO 406 ISO 1701		✓ ISO 406 ISO 1701		 INCH/MM SCALE 4:1		CARD CONN.	
title HORIZ. CARD CONN. D/R .100/2.54 CL		surface ISO 1902 ISO 406 ISO 1701		tolerance ✓ ISO 406 ISO 1701		projection  INCH/MM SCALE 4:1		product family CARD CONN.	
lfr	ech no	dr	date	angles	linear	MIL/DIN	MIL/DIN	dwg no	sheet 7 of 7
S				0°±2'	XXX XXXX/XXXX	XXX/DIN/XXXX	SCALE 4:1	66925	A3
		dr	J. SHREINER	3/23/90					
		eng'	M. HAHN	3/23/90					
		chr	M. HAHN	3/23/90					
		appd	M. HAHN	3/23/90					
sheet	revision								
index	sheet								



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