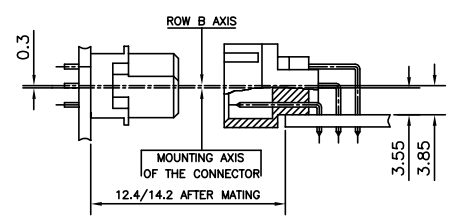


SHORT SOLDER EYELET



**TECHNICAL SPECIFICATION**

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0; GREY  
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C  
 WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.  
 CONTACT & HARPOON MATERIAL : COPPER ALLOY  
 CONTACT PLATING :  
 CONTACT ZONE : Au OVER Ni  
 TERMINATION ZONE : Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION

**ELECTRICAL DATA**

CURRENT RATING AT 20°C : 1.5 A  
 CURRENT (I MAX) : 2 A  
 TEMPERATURE RANGE : -55°C TO +125°C  
 CONTACT RESISTANCE : ≤ 20 mΩ  
 INSULATION RESISTANCE : ≥ 10<sup>10</sup> MΩ  
 TEST VOLTAGE (rms) : 1000 V

**MECHANICAL DATA**

INSERTION FORCE PER CONTACT : ≤ 0.94 N  
 EXTRACTION FORCE PER CONTACT : ≥ 0.15 N

REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

SERIES	8609	4	32	8	1	09	7	8	8	E1LF
ROWS FITTED WITH CONTACTS										
ROW a - c	4 32									
NO. OF CONTACTS	4 32									
TYPE OF INSULATOR	96 POSN.FEMALE INSULATOR 8									
METHOD OF MOUNTING	STANDARD MOUNTING - STYLE C 1									
TERMINATION	SHORT SOLDER EYELET 09									
OPTIONS	NO OPTION 7									
PERFORMANCE CLASS	DIN 41612 CLASS 3 4 DIN 41612 CLASS 2 5 DIN 41612 CLASS 1 6 AS PER MIL C 55302 / JSS 50808 8									
PITCH PER ROW	5.08 mm 8									
LEAD FREE VERSION	E1LF									

**NOTES:**

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD.
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

mat'l. code	surface	tolerance	projection	product family	
SEE TECH. SPEC.	ISO 1302	ISO 406 ISO 1101		8609	
ltr	ecn no	dr	date	tolerances unless otherwise specified	
A	104-09-08	MINI	2008-09-26	angles linear .0±.1	
				mm	
				scale 3:2	
dr	MINI.K.VANDANATH	2008-09-26	title		
enr	KESAVAN	2008-09-26	DIN STANDARD RECEPTACLE		
chr	JOHN SLEEBA	2008-09-26	SOLDER EYELET DIN 41612 STYLE-C		
appd	KESAVAN	2008-09-26	dwg no		
			sheet 1 of 1		
			size		
			A3		
			type		
			Product Customer Drawing		
sheet index	revision sheet	A			
	1				

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