

**TECHNICAL SPECIFICATION**

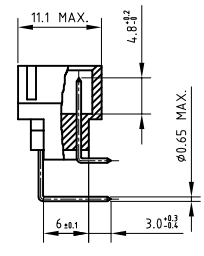
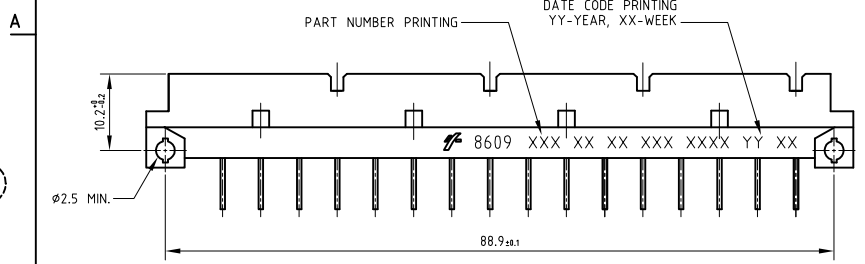
HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0; GREY  
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C  
 WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C.  
 CONTACT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

**ELECTRICAL DATA**

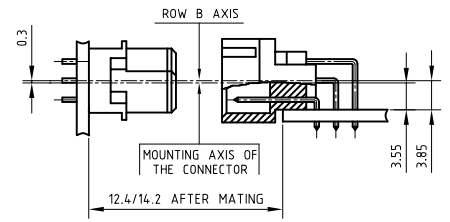
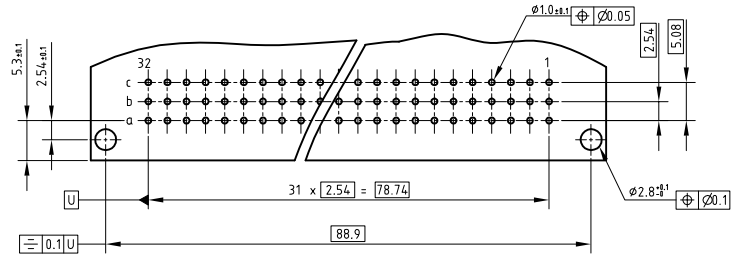
CURRENT RATING AT 20°C : 15 A  
 CURRENT (I MAX) : 2 A  
 TEMPERATURE RANGE : -55°C TO +125°C  
 CONTACT RESISTANCE : ≤ 20 mΩ  
 INSULATION RESISTANCE : ≥ 10<sup>10</sup> MΩ  
 TEST VOLTAGE (rms) : 1000 V

**MECHANICAL DATA**

INSERTION FORCE PER CONTACT : ≤ 0.94 N  
 EXTRACTION FORCE PER CONTACT : ≥ 0.15 N  
 REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2



**PCB DRILLING DETAILS**



SERIES	8609	4	32	7	1	13	7	8	8	ELF
ROWS FITTED WITH CONTACTS										
ROW a - c	4 32									
NO. OF CONTACTS										
TYPE OF INSULATOR	3 ROW MALE INSULATOR									
METHOD OF MOUNTING	STANDARD MOUNTING - STYLE C									
TERMINATION	ANGLED SPILL									
OPTIONS	NO OPTION									
PERFORMANCE CLASS	DIN 41612 CLASS 3									
	DIN 41612 CLASS 2									
	DIN 41612 CLASS 1									
	AS PER MIL C 55302 / JSS 50808									
PITCH PER ROW	5.08 mm									
LEAD FREE VERSION	ELF									

**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	SEE TECH. SPEC.	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	8609
ltr	ecn no	dr	date	tolerances unless otherwise specified			mm	title	DIN STANDARD HEADER
A	104-09-08	MINI	2008-09-26	angles	linear	0.21	mm	ANGLED SPILL DIN 41612 STYLE-C	
				0°±1°			scale 3:2		
		dr	MINI.K.VANDANATH	2008-09-26				dwg no	sheet 1 of 1
		enqr	KESAVAN	2008-09-26				size	A3
		chr	JOHN SLEEBA	2008-09-26				Product Customer Drawing	
		appd	KESAVAN	2008-09-26					
sheet index	revision sheet	A	1						



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