

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 ¹⁰ MΩ
TEST VOLTAGE (rms)	:	1000 V

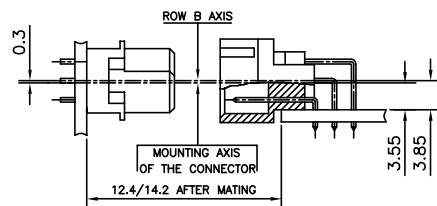
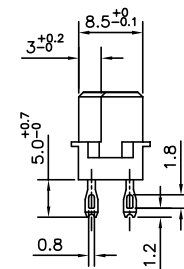
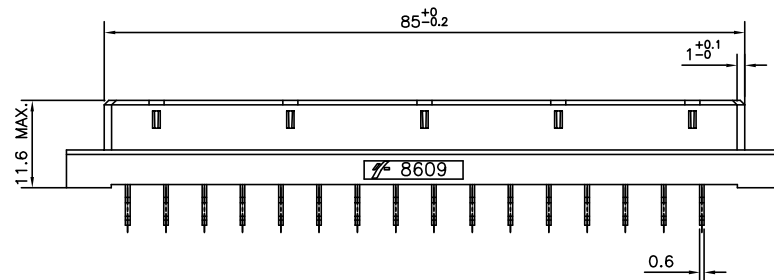
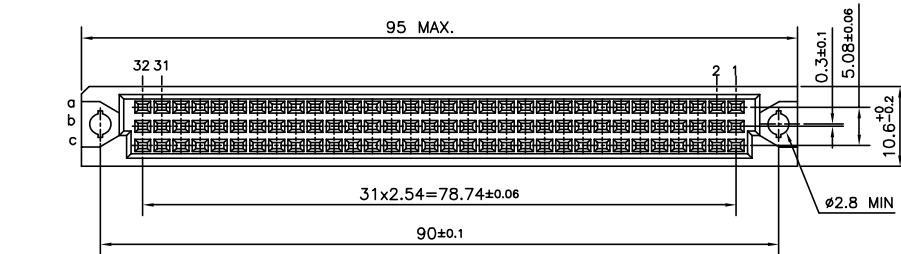
MECHANICAL DATA

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										
TYPE OF INSULATOR										
96 POSN.FEMALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C										
TERMINATION										
SHORT SOLDER EYELET										
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										

SHORT SOLDER EYELET



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			title	DIN STANDARD RECEPTACLE
A	104-09-08	MINI	2008-09-26	angles	linear	mm		SOLDER EYELET DIN 41612 STYLE-C
				0°±1°		scale 3:2		
		dr	MINI.K.VANDANATH	2008-09-26			dwg no	sheet 1 of 1 size
		enr	KESAVAN	2008-09-26				
		chr	JOHN SLEEBA	2008-09-26			C-8609-2153	A3
		appd	KESAVAN	2008-09-26			type	Product Customer Drawing
sheet index	revision sheet	A	1					

Mouser Electronics

Authorized Distributor

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