

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 :
 ACTIVE ZONE : Au OVER Ni
 TERMINATION ZONE : Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION
 HARPOON PLATING : Sn (PURE MATT) OVER Ni FOR LEAD FREE VERSION

ELECTRICAL DATA

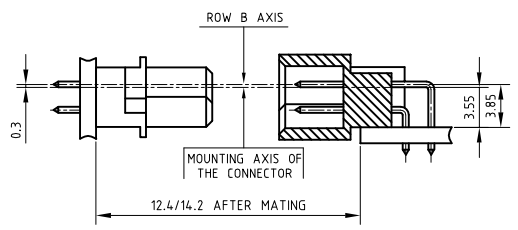
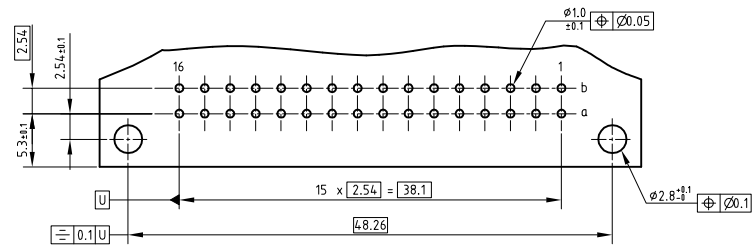
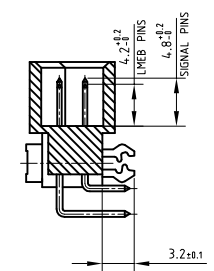
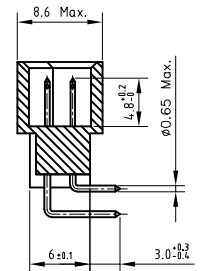
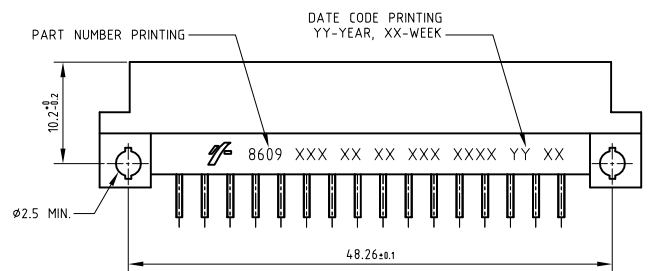
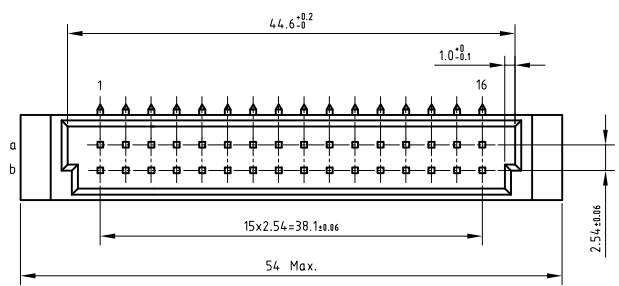
CURRENT RATING AT 20°C : 15A
 CURRENT (I MAX) : 2A
 TEMPERATURE RANGE : -55°C TO +125°C
 CONTACT RESISTANCE : ≤ 20mΩ
 INSULATION RESISTANCE : ≥ 10¹⁰ MΩ
 TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

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

REFERENCE SPECIFICATION : DIN 41612 / IEC 603-2

SERIES	8609	2	32	5	3	13	7	5	5	QFLF
ROWS FITTED WITH CONTACTS										
ROW a b	2 32									
NO. OF CONTACTS										
TYPE OF INSULATOR	2 ROW MALE INSULATOR 5									
METHOD OF MOUNTING	STANDARD MOUNTING - STYLE B/2 3									
TERMINATION	ANGLED SPILL 13									
OPTIONS										
NO OPTION	7									
WITH HARPOONS	H									
PERFORMANCE CLASS										
DIN 41612 CLASS 3	4									
DIN 41612 CLASS 2	5									
DIN 41612 CLASS 1	6									
AS PER MIL C 55302 / J55 50808	8									
PITCH PER ROW	2.54 mm 5									
SPECIAL CODE: SPECIAL CONTACT LOADING	QFLF									
STANDARD CONTACTS LOADED IN POSITIONS a1, b1, a16 & b16										
ALL REMAINING POSITIONS TO BE LOADED WITH LMFB CONTACTS										



- NOTES:**
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 2. 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.
 3. 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	.0±1		mm	title	DIN STANDARD HEADER
A	108-0059	JS	2009-07-10	angles	linear	0°±1°	scale 2:1	ANGLED SPILL DIN 41612 STYLE-B/2	
		dr	JOHN SLEEBA	2008-04-29				dwg no	sheet 1 of 1 size
		enrg	KESAVAN R	2008-04-29				C-8609-2141	A3
		chr	KESAVAN.R	2008-04-29				type	Product Customer Drawing
		appd	KESAVAN R	2008-04-29					
sheet index	revision sheet	A	1						

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