



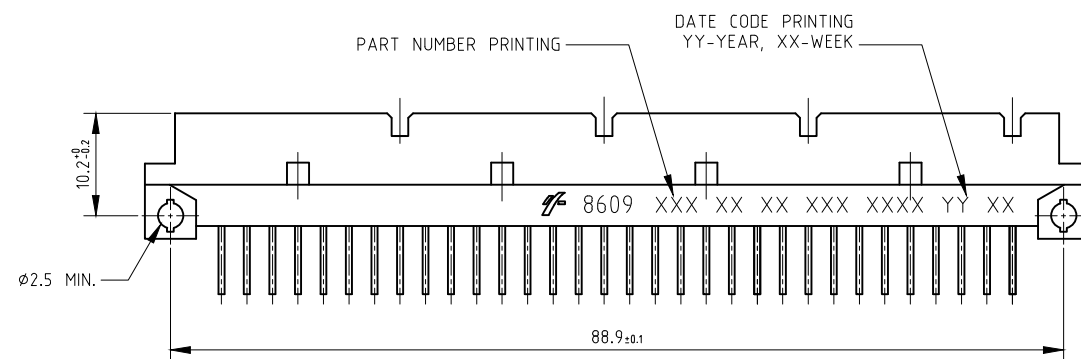
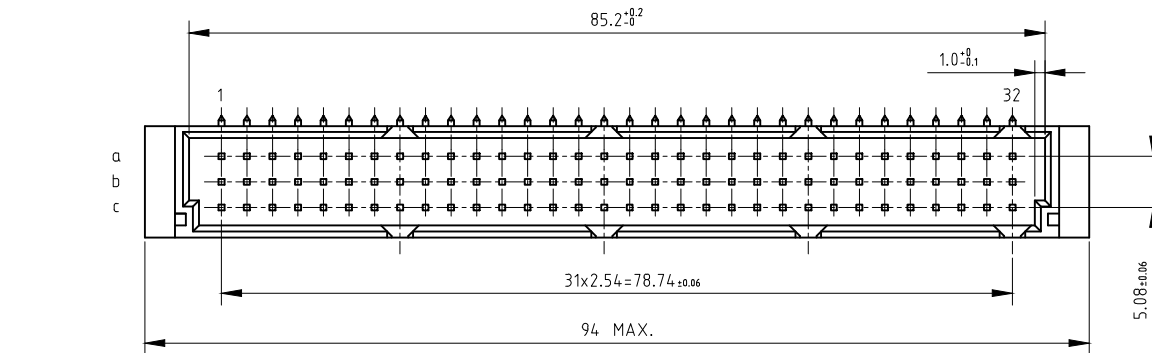
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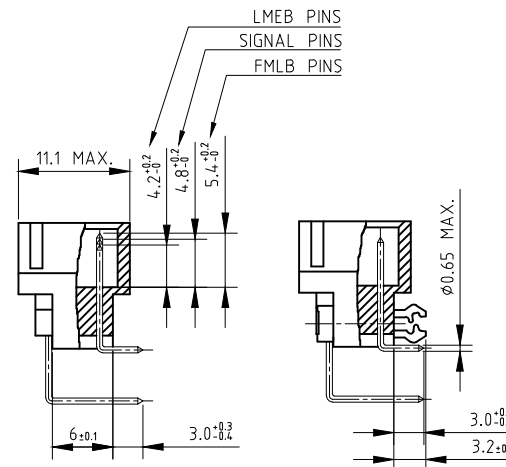
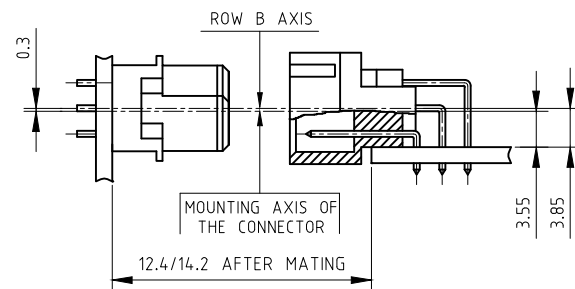
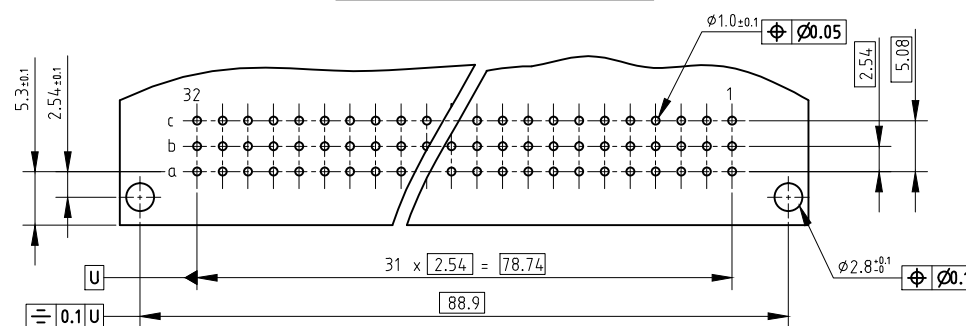
## NOTES:

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.

form: A3



## PCB DRILLING DETAILS



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
A	√	X	X	X	X	X	X	X	X	X	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	√	X	X		
B																																		
C	√	X	X	X	X	X	X	X	X	X	X	*	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	√	X	X		
X	Standard Contact								√	FMLB Contact								*	LMEB Contact								Empty Cavity							

## 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 ACTIVE ZONE PLATING	:	Au OVER Ni (or) Au-Pd-Ni OVER Ni
CONTACT TERMINATION ZONE PLATING	:	Sn (PURE MATT) OVER Ni
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni

## 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>4</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 (or) IEC 603-2

SERIES	8609	4	64	7	1	13	7	5	5	SNLF
ROWS FITTED WITH CONTACTS										
ROW a - c		4	64							
NO. OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C										
TERMINATION										
ANGLED SPILL										
OPTIONS										
NO OPTION										
WITH HARPOONS										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302 / JSS 50808										
PITCH PER ROW										
2.54 mm										
SPECIAL CODE: SPECIAL CONTACT LOADING: LEAD FREE VERSION										SNLF

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		title DIN STANDARD HEADER ANGLED SPILL DIN 41612 STYLE-C									
A	111-0151	MJA		2011-08-20	angles	linear		mm	dwg no C-8609-2158									
					0°±1°			scale 3:2	sheet 1 of 1 size A3									
					dr	M JACOB	2011-08-20		type Product Customer Drawing									
					enr	M JACOB	2011-08-20											
					chr	M JACOB	2011-08-20											
					appd	BIJU K PAUL	2011-08-20											
sheet index	revision sheet	A	1															

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