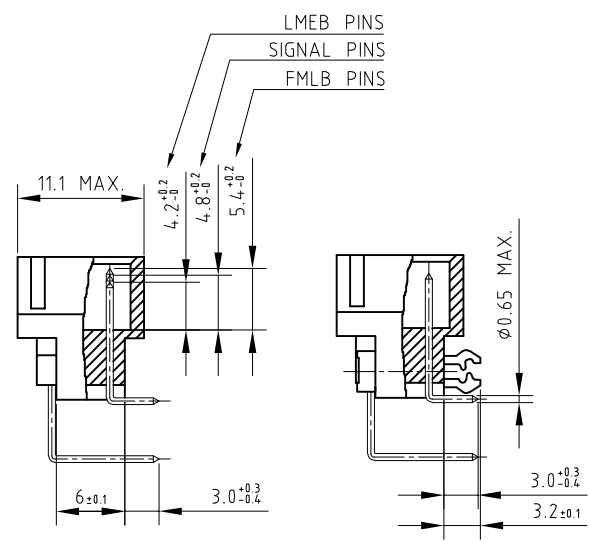


NOTES:

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
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.



	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	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
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

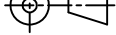
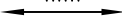

ELECTRICAL DATA

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 : ≥10⁶ 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							7			
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C								1		
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 / JSS 50808										8
PITCH PER ROW										
2.54 mm										5
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	I11-0151	MJA	2011-08-20	angles	linear	0°±1°				scale 3:2				dwg no sheet 1 of 1 C-8609-2158 A3														
B	ELX-I-41764	MJA	2021-07-22																									
				dr	M JACOB				2011-08-20								type Product Customer Drawing											
				enr	M JACOB				2011-08-20																			
				chr	M JACOB				2021-07-22																			
				appd	SAN0J				2021-07-22																			
sheet index		revision sheet		B	1																							