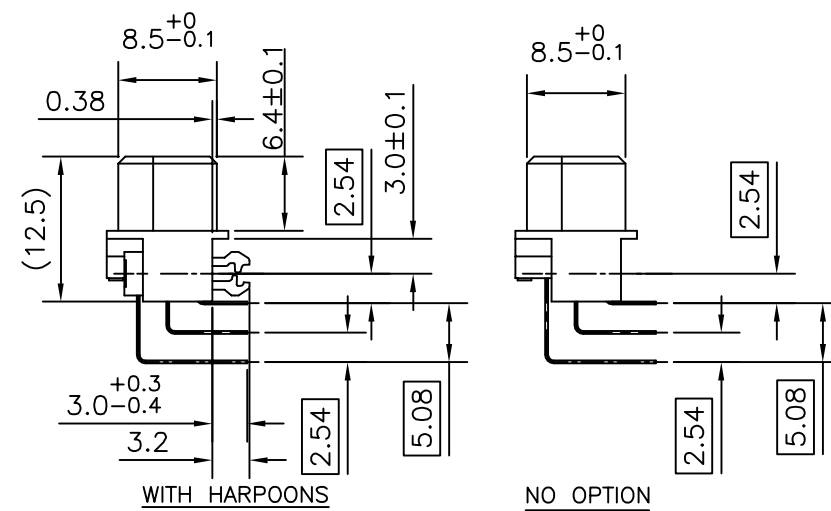




1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD
3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

TECHNICAL SPECIFICATION

HOUSING MATERIAL	: THERMOPLASTIC POLYESTER UL 94 V-0, 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 RIGHT
	ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT/ HARPOON MATERIAL : COPPER ALLOY

CONTACT ACTIVE ZONE PLATING : GOLD OVER NICKEL

CONTACT TERMINATION ZONE / HARPOON PLATING

TIN LEAD VERSION : TIN LEAD OVER NICKEL

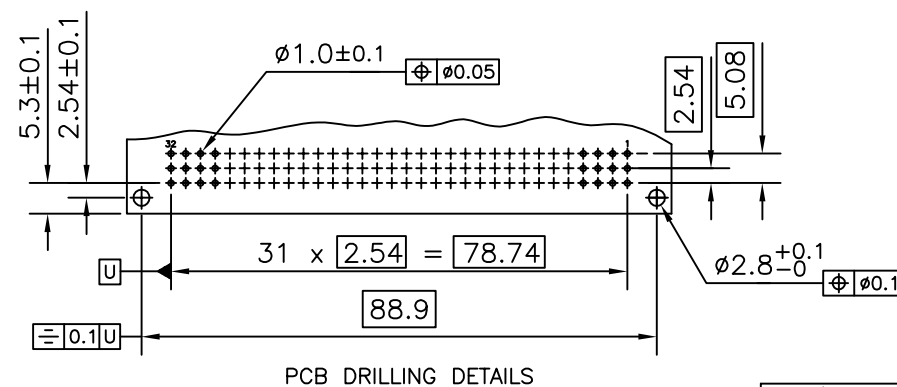
LEAD FREE VERSION : TIN (PURE MATTE) OVER NI

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	1.5 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C/+125°C
CONTACT RESISTANCE	:	≤ 20mΩ
INSULATION RESISTANCE	:	≥ 10 ⁶ MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

INSERTION FORCE PER CONTACT : $\leq 0.94\text{N}$
EXTRACTION FORCE PER CONTACT : $\geq 0.15\text{N}$
REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2



SERIES	8609	4	32	8	8	13	7	4	8	
ROWS FITTED WITH CONTACTS										
Rows a-b-c	-----		3	48						
Rows a-c	-----		4	32						
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR	-----		8							
METHOD OF MOUNTING										
REVERSE MOUNTING - STYLE R	-----		8							
TERMINATION										
ANGLED SPILL	-----		13							
OPTIONS										
WITH HARPOONS	-----		H							
NO OPTION	-----		7							
PERFORMANCE CLASS										
4 - DIN 41612 CLASS 3	-----		4							
5 - DIN 41612 CLASS 2	-----		5							
6 - DIN 41612 CLASS 1	-----		6							
8 - AS PER MIL C 55302/JSS 50808	-----		8							
PITCH PER ROW										
5.08	-----		8							
SPECIAL CODE 015V1 : CONTACT LOADING ODD POSITIONS-TIN LEAD VERSION										
SPECIAL CODE V4F : CONTACT LOADING ODD POSITIONS-LEAD FREE VERSION										

[illegible]