

**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.

**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 PLATING : GOLD OVER NICKEL

ACTIVE ZONE : GOLD OVER NICKEL

TERMINATION ZONE : TIN LEAD OVER NICKEL  
 LEAD FREE VERSION : TIN (PURE MATTE) OVER NI

HARPOON PLATING : TIN LEAD OVER NICKEL  
 LEAD FREE VERSION : TIN (PURE MATTE) OVER NI

**ELECTRICAL DATA**

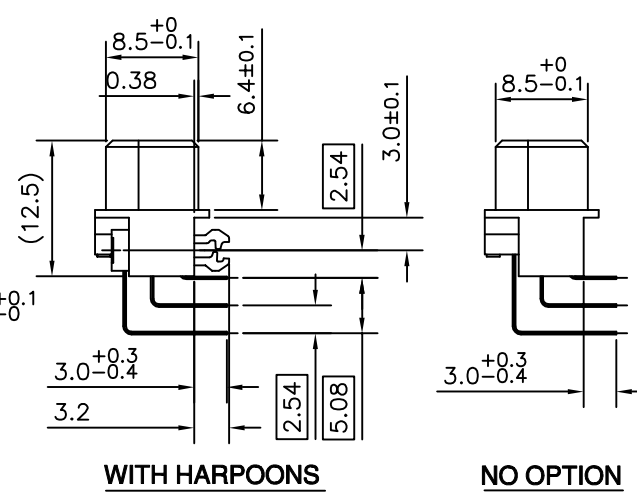
CURRENT RATING AT 20°C : 1.5 A  
 CURRENT (I MAX) : 2 A  
 TEMPERATURE RANGE : -55°C/+125°C  
 CONTACT RESISTANCE : ≤ 20mΩ  
 INSULATION RESISTANCE : ≥ 10<sup>9</sup> MΩ  
 TEST VOLTAGE (rms) : 1000V

**MECHANICAL DATA**

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

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	48	8	8	13	7	5	8	V1
ROWS FITTED WITH CONTACTS										
Rows a-b-c			3	48						
Rows a-c			4	32						
NUMBER OF CONTACTS										
TYPE OF INSULATOR									8	
3 ROW FEMALE INSULATOR										
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
V1										TIN LEAD VERSION
V1LF										LEAD FREE VERSION



FCI  
 FCIconnect.com  
 Copyright FCI