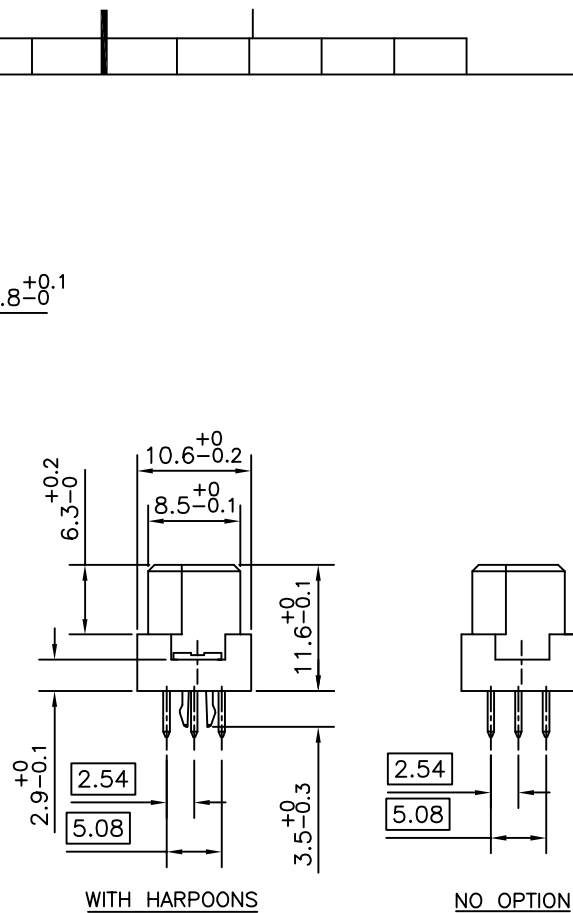




TECHNICAL SPECIFICATION

INSULATOR MATERIAL : THERMOPLASTIC POLYESTER UL94V-0, GREY

HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°.

CONTACT / HARPOON MATERIAL	: COPPER ALLOY
CONTACT PLATING	
ACTIVE ZONE	: GOLD OVER NICKEL
TERMINATION ZONE	
TIN LEAD VERSION	: TIN LEAD OVER NICKEL
LEAD FREE VERSION	: TIN (PURE MATTE) OVER NICKEL
HARPOON PLATING	
TIN LEAD VERSION	: TIN LEAD OVER NICKEL
LEAD FREE VERSION	: TIN (PURE MATTE) OVER NICKEL

ELECTRICAL DATA

CURRENT RATING AT 20°C	: 1.5 A
CURRENT (I MAX)	: 2 A
TEMPERATURE RANGE	: -55°C/+125°C
CONTACT RESISTANCE	: $\leq 20\text{m}\Omega$
INSULATION RESISTANCE	: $\geq 10^8\text{ M}\Omega$
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	3	96	8	1	14	7	5	5	V1
ROWS FITTED WITH CONTACTS										
Rows a-b	-----	2	64							
Rows a-b-c	-----	3	96							
Rows a-c	-----	4	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR ----- 8										
METHOD OF MOUNTING										
STANDARD MOUNTING STYLE- C ----- 1										
TERMINATION										
STRAIGHT SPILL (LONG) ----- 14										
STRAIGHT SPILL (SHORT) ----- 24										
OPTIONS										
NO OPTION ----- 7										
WITH HARPOONS ----- H										
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										
2.54 ----- 5										
V1 ----- TIN LEAD VERSION										
V1LF ----- LEAD FREE VERSION										

[illegible]

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.