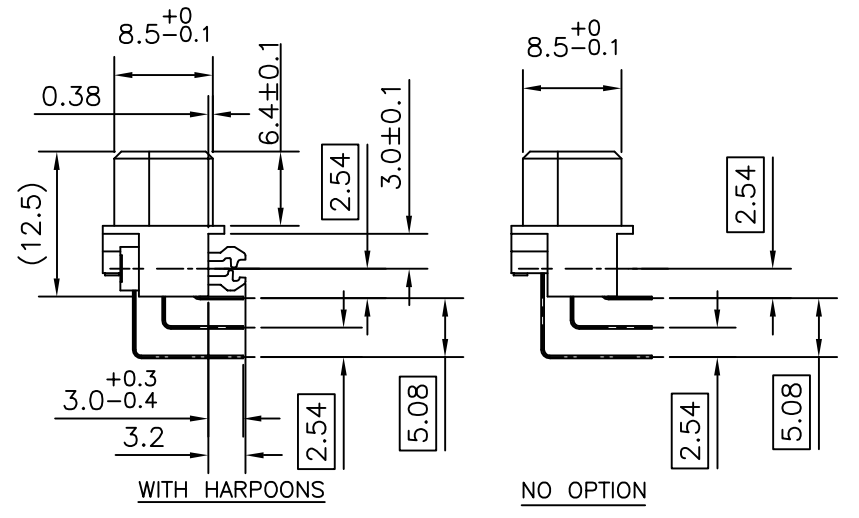


**NOTES:-**

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 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
- LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.



**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<sup>6</sup>MΩ

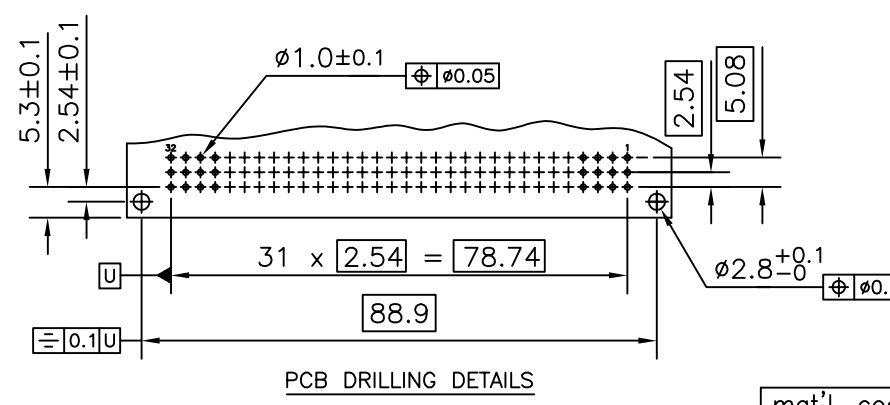
TEST VOLTAGE (rms) : 1000V

**MECHANICAL DATA**

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2



SERIES	8609	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 VALF : CONTACT LOADING ODD POSITIONS-LEAD FREE VERSION									

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I04-0115	MINI	04/11/2004	DIN REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R
B	I05-0089	MINI	19/05/2005	
C	I06-0063	MINI	01/06/2006	
tolerances unless otherwise specified				mm
angles linear				scale -
dr				MINI K VANDANATH 29/09/2004
enfr				RAKHEE GEORGE 29/09/2004
chr				RAKHEE GEORGE 01/06/2006
appd				RAKHEE GEORGE 01/06/2006
sheet index	revision	C		dwg no
	sheet	1		sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing

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