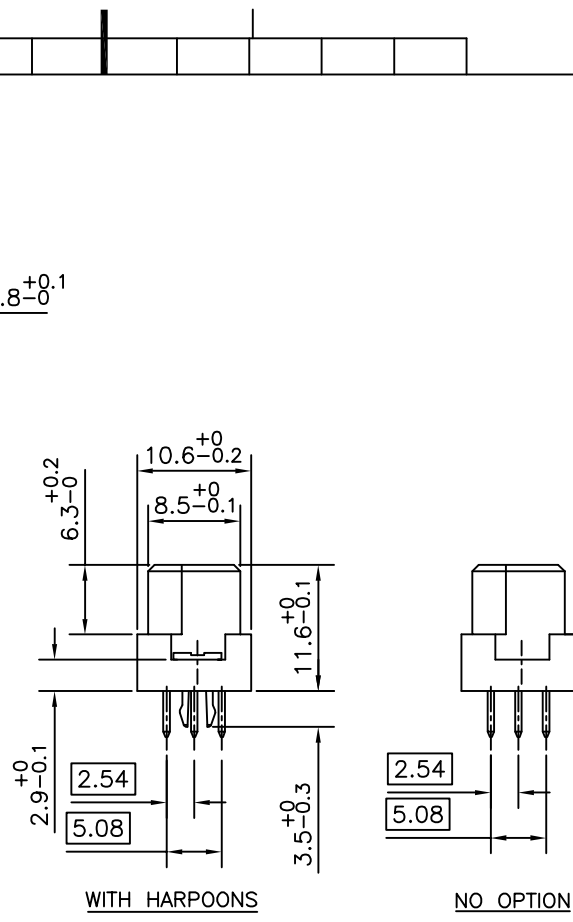


P.C.B DRILLING DETAILS

**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**

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
<b>ELECTRICAL DATA</b>	
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
<b>MECHANICAL DATA</b>	
INSERTION FORCE PER CONTACT	: ≤ 0.94N
EXTRACTION FORCE PER CONTACT	: ≥ 0.15N
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

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	tolerances unless otherwise specified
B	I04-0100	MINI	09/11/2004	angles
C	I05-0042	MINI	19/05/2005	linear
D	I05-0086	MINI	02/06/2005	0°±1'
E	I06-0063	MINI	01/06/2006	dr
				MINI K VANDANATH
				engr RAKHEE GEORGE
				chr RAKHEE GEORGE
				appd RAKHEE GEORGE
sheet index	revision	E		
	sheet	1		
				product family
				8609
				title
				<b>DIN STANDARD RECEPTACLE</b> STRAIGHT SPILL DIN 41612 STYLE-C
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing

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