



PCB 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

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	
ACTIVE ZONE	: GOLD OVER NICKEL
TERMINATION ZONE	: TIN (PURE MATTE) OVER NI
HARPOON PLATING	
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 ⁹ 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	6	64	8	13	7	5	5	V1LF
ROWS FITTED WITH CONTACTS									
Rows - b c		6	64						
NUMBER OF CONTACTS									
TYPE OF INSULATOR									
3 ROW FEMALE INSULATOR									
METHOD OF MOUNTING									
REVERSE MOUNTING - STYLE R									
TERMINATION									
ANGLED SPILL									
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									
2.54									5
V1LF									LEAD FREE VERSION

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101	mm	8609
ltr	ecn no	dr	date	title
A	109-0059	JS	17/04/2009	DIN REVERSE RECEPTACLE
				ANGLED SPILL DIN 41612 STYLE-R
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	A		
sheet	1			