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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 FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C
CONTACT MATERIAL : COPPER ALLOY
CONTACT PLATING :
ACTIVE ZONE : GOLD OVER NICKEL
TERMINATION ZONE :
LEAD FREE VERSION : TIN (PURE MATTE) OVER Ni

ELECTRICAL DATA

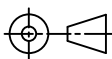
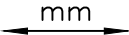
CURRENT RATING AT 20°C : 1.5 A
CURRENT (I MAX) : 2 A
TEMPERATURE RANGE : -55°C/ +125°C
CONTACT RESISTANCE : ≤ 20mΩ
INSULATION RESISTANCE : ≥ 10⁶ MΩ
TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

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

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	2	64	6	1	24	7	5	5	V1LF
ROWS FITTED WITH CONTACTS										
Rows a b -		2	64							
Rows a -		1	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW FEMALE INSULATOR				6						
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B					1					
TERMINATION										
LONG STRAIGHT SPILL (L - SEE TABLE)									14	
SHORT STRAIGHT SPILL (L - SEE TABLE)									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
V1LF										LEAD FREE VERSION

mat'l. code —				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 8609										
ltr	ecn no	dr	date	tolerances unless		otherwise specified				title DIN STANDARD RECEPTACLE STRAIGHT SPILL DIN 41612 STYLE-B										
A	—	MJA	2012-10-10	angles	linear	.0±.1		mm												
—	—	—	—																	
—	—	—	—	0°±1°				scale —												
				dr	M JACOB		2012-05-22				dwg no					sheet 1 of 1			size	
				engr	M JACOB		2012-05-22				C-8609-2290					A3				
				chr	M JACOB		2012-05-22													
				appd	BIJU K PAUL		2012-05-22													
sheet index		revision sheet		A	1															