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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 94V-0, GREY
	:	HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METTALIC DEVICE FOR RIGHT ANGLE CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C
CONTACT 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 Ni
HARPOON PLATING	:	
TIN LEAD VERSION	:	TIN LEAD OVER NICKEL
LEAD FREE VERSION	:	TIN (PURE MATTE) OVER Ni

ELECTRICAL DATA

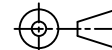
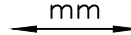
CURRENT RATING AT 20°C	:	1,5 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C/ +125°C
CONTACT RESISTANCE	:	≤ 20mΩ
INSULATION RESISTANCE	:	≥ 10 ⁶ MΩ
TEST VOLTAGE (rms)	:	1000V

MECHANICAL DATA

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

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	4	16	8	6	13	7	4	8	E1LF
ROWS FITTED WITH CONTACTS										
Rows a b c		3	24							
Rows a - c		4	16							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR						8				
METHOD OF MOUNTING										
REVERSE MOUNTING - STYLE R/2						6				
TERMINATION										
ANGLED SPILL							13			
OPTIONS										
NO OPTION								7		
WITH HARPOONS									H	
PERFORMANCE CLASS										
DIN 41612 CLASS 3									4	
DIN 41612 CLASS 2									5	
DIN 41612 CLASS 1									6	
AS PER MIL C 55302/ JSS 50808									8	
PITCH PER ROW										
5.08									8	
E1LF										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 REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R/2										
A	—	MJA	2012-08-09	angles	linear	.0±.1														
—	—	—	—			0°±1°														
—	—	—	—					scale —												
				dr	M JACOB		2012-06-27				dwg no				sheet 1 of 1				size	
				enrg	M JACOB		2012-06-27				C-8609-2293				A3					
				chr	M JACOB		2012-06-27													
				appd	BIJU K PAUL		2012-06-27													
sheet index		revision sheet		A	1															