



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 : GOLD OVER NICKEL
 ACTIVE ZONE : GOLD OVER NICKEL
 TERMINATION ZONE :
 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) : 2A
 TEMPERATURE RANGE : -55°C/ +125°C
 CONTACT RESISTANCE : ≤ 20mΩ
 INSULATION RESISTANCE : ≥ 10⁶MO
 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

45	9.75 ^{+0.5} ₋₀
35	7.06 ^{+0.7} ₋₀
15	13.1 ^{+0.2} ₋₀
TERM. STYLE	L

SERIES	8609	3	96	8	1	15	7	5	5	000E1
ROWS FITTED WITH CONTACTS	Rows a - b	3	96							
	Rows a - c	4	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C										
TERMINATION										
WIRE WRAP (L = SEE TABLE)										
WIRE WRAP (L = SEE TABLE)										
WIRE WRAP (L = SEE TABLE)										
OPTIONS										
NO OPTION										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302/ JSS 50808										
PITCH PER ROW										
2.54										
000E1										
E1LF										

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.

mat'l. code	surface	tolerance	projection	product family
	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I04-0100	MINI	09/11/2004	DIN STANDARD RECEPTACLE
B	I05-0042	MINI	19/05/2005	WIRE WRAP DIN 41612 STYLE-C
C	I05-0086	MINI	02/06/2005	
D	I06-0062	MINI	01/06/2006	
	engr	chr	appd	scale
	RAKHEE GEORGE	RAKHEE GEORGE	RAKHEE GEORGE	
	21/09/2004	01/06/2006	01/06/2006	
sheet	revision	D		dwg no
index	sheet	1		sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing