



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

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 ACTIVE ZONE PLATING : GOLD OVER NICKEL
 CONTACT TERMINATION ZONE 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) : 2A
 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	3	48	8	1	15	7	5	8	000E1
ROWS FITTED WITH CONTACTS		3	48							
Rows a b c		3	48							
Rows a - c		4	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										8
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C										1
TERMINATION										
WIRE WRAP (L = SEE TABLE)										45
WIRE WRAP (L = SEE TABLE)										35
WIRE WRAP (L = SEE TABLE)										15
OPTIONS										
NO OPTION										7
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
000E1										TIN LEAD VERSION
E1LF										LEAD FREE VERSION

NOTES:-

- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
- 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
- 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	I05-0107	MINI	19/05/2005	DIN STANDARD RECEPTACLE WIRE WRAP DIN 41612 STYLE C
B	I06-0064	MINI	01/06/2006	
				angles
				linear
				0°±1'
				dr
				engr
				chr
				appd
sheet index	revision	B		
	sheet	1		

dwg no sheet 1 of 1 size
C-8609-2061 A3
 type Product Customer Drawing