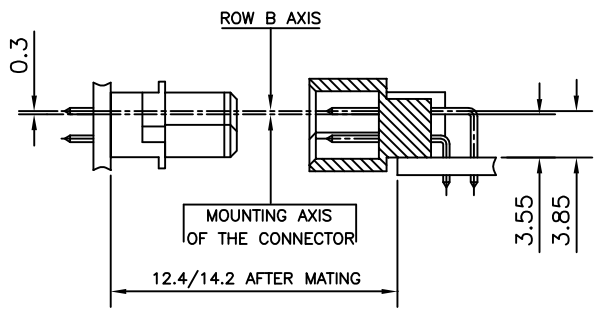


14	4.0
24	2.5
TERM. STYLE	L <sup>+0.7</sup> / <sub>-0</sub>



**TECHNICAL SPECIFICATION**

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V-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

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<sup>6</sup> 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	32	6	3	24	7	5	5	000E1
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	16							
Rows a b - - - - -		2	32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW FEMALE INSULATOR - - - - -						6				
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B/2 - - - - -									3	
TERMINATION										
SHORT STRAIGHT SPILL (L - SEE TABLE) - - - - -										24
LONG STRAIGHT SPILL (L - SEE TABLE) - - - - -										14
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										
2.54 - - - - -										5
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		I04-0100		MINI		09/11/2004		DIN STANDARD RECEPTACLE	
B		I05-0089		MINI		19/05/2005		STRAIGHT SPILL DIN 41612 STYLE-B/2	
C		I06-0062		MINI		01/06/2006		scale -	
sheet index		revision		C		sheet		1	



dwg no C-8609-2023 sheet 1 of 1 size A3

type Product Customer Drawing