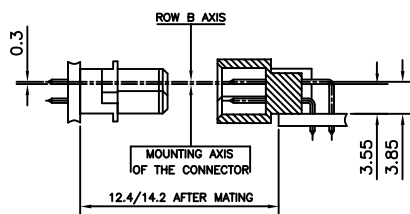


14	4.0
24	2.5
TERM. STYLE	L +0.7 -0



#### 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 : Au OVER Ni  
CONTACT TERMINATION ZONE : Sn (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>8</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	16	6	3	14	7	5	8	E1LF
ROWS FITTED WITH CONTACTS		2	16							
Rows a b -		2	16							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW FEMALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B/2										
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										
5.08 mm										8
E1LF										LEAD FREE VERSION

#### 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	SEE TECH SPEC	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
A	108-0098	JS	2008-08-07	angles	linear	mm	scale 3:2	STRAIGHT SPILL DIN 41612 STYLE-B/2
				σ±1°				
				dr	JOHN SLEEBA	2008-08-07		
				engr	JOHN SLEEBA	2008-08-07		
				chr	KESAVAN R	2008-08-07		
				appd	KESAVAN R	2008-08-07		
sheet index	revision sheet	A	1				dwg no	sheet 1 of 1 size
							C-8609-2146	A3
							type	Product Customer Drawing

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[FCI / Amphenol:](#)

[86092166314758E1LF](#)