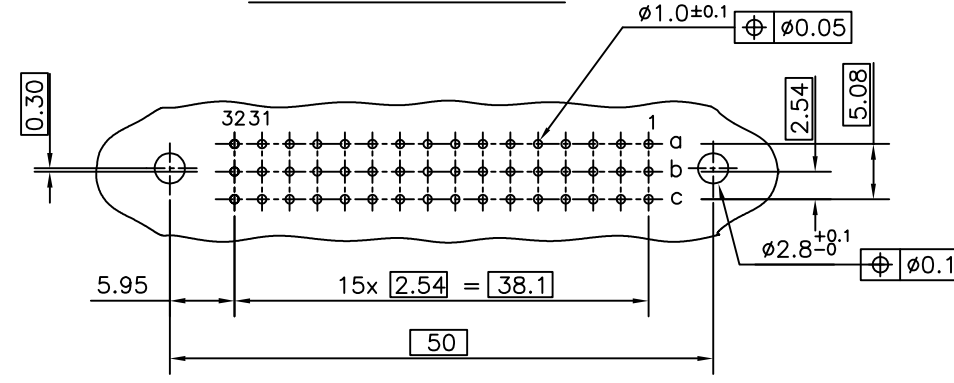
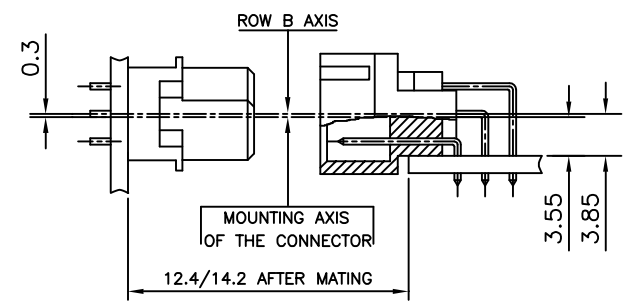


P.C.B DRILLING DETAILS



45	9.75 <sup>+0.5</sup>
35	7.06 <sup>+0.7</sup>
15	13.1 <sup>+0.5</sup>
TERM. STYLE	L



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 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	3	48	8	3	45	7	5	5	000E1
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	16							
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/2 - - - - -						3				
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										
2.54 - - - - -										5
000E1 - - - - -										TIN LEAD VERSION
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		surface		tolerance		projection		product family	
-		ISO 1302 ✓		ISO 406 ISO 1101				8609	
ltr		ecn no		dr		date		title	
A		I04-0100		MINI		22/09/2004		DIN STANDARD RECEPTACLE	
B		I05-0089		MINI		19/05/2005		WIRE WRAP DIN 41612 STYLE C/2	
C		I06-0062		MINI		01/06/2006		scale -	
				dr		MINI K VANDANATH 22/09/2004		dwg no	
				engr		RAKHEE GEORGE 22/09/2004		sheet 1 of 1	
				chr		RAKHEE GEORGE 01/06/2006		size	
				appd		RAKHEE GEORGE 01/06/2006		A3	
sheet index		revision		C				type	
		sheet		1				Product Customer Drawing	



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