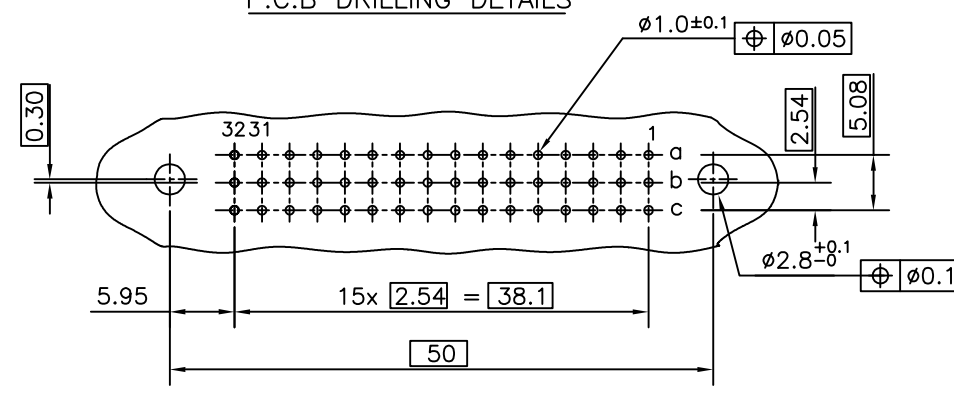
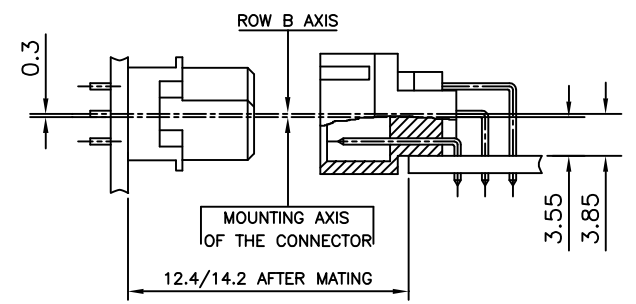


P.C.B DRILLING DETAILS



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 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 : ≥ 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	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

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		engr		RDKHEE GEORGE	
engr		RDKHEE GEORGE		22/09/2004		chr		RDKHEE GEORGE	
chr		RDKHEE GEORGE		01/06/2006		appd		RDKHEE GEORGE	
appd		RDKHEE GEORGE		01/06/2006		sheet		revision C	
sheet		revision		C		sheet		1	
index		sheet		1		sheet		1	
dwg no		sheet 1 of 1		size		type		Product Customer Drawing	
C-8609-2018		A3							

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.

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