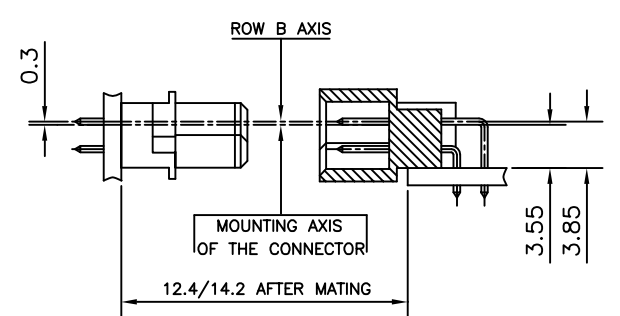
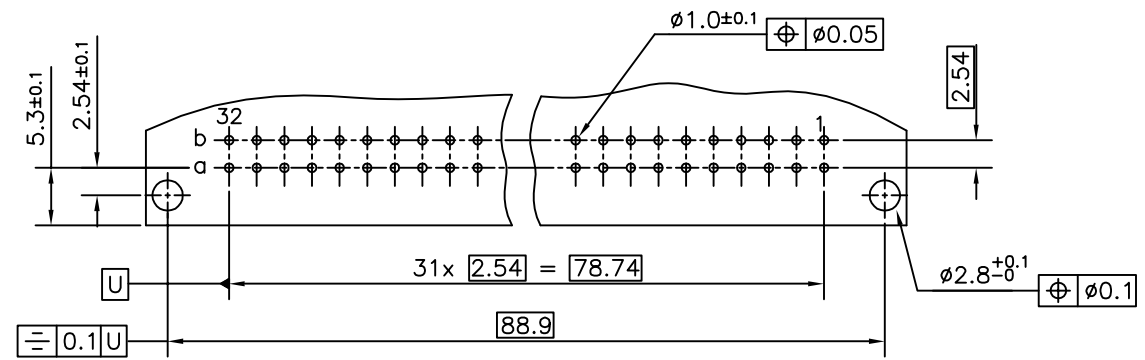


P.C.B DRILLING DETAILS



TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0, GREY  
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METALLIC DEVICE FOR RIGHT ANGLE CONNECTORS AS IT IS USED 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>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	32	5	1	13	7	5	8	000E
ROWS FITTED WITH CONTACTS										
Rows a b -	2		32							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW MALE INSULATOR	5									
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B	1									
TERMINATION										
ANGLED SPILL	13									
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									
000E	TIN LEAD VERSION									
ELF	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		mm		8609			
ltr		ecn no		dr		date		title			
A		I05-0107		MINI		19/05/2005		DIN STANDARD HEADER			
B		I06-0064		MINI		01/06/2006		ANGLED SPILL DIN 41612 STYLE-B			
								scale		-	
				dr		MINI K VANDANATH		19/05/2005		dwg no	
				enfr		RAKHEE GEORGE		19/05/2005		sheet 1 of 1	
				chr		RAKHEE GEORGE		01/06/2006		size	
				appd		RAKHEE GEORGE		01/06/2006		A3	
sheet index		revision		B						type	
		sheet		1						Product Customer Drawing	