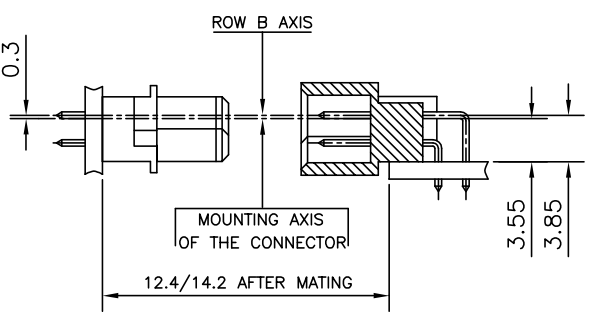
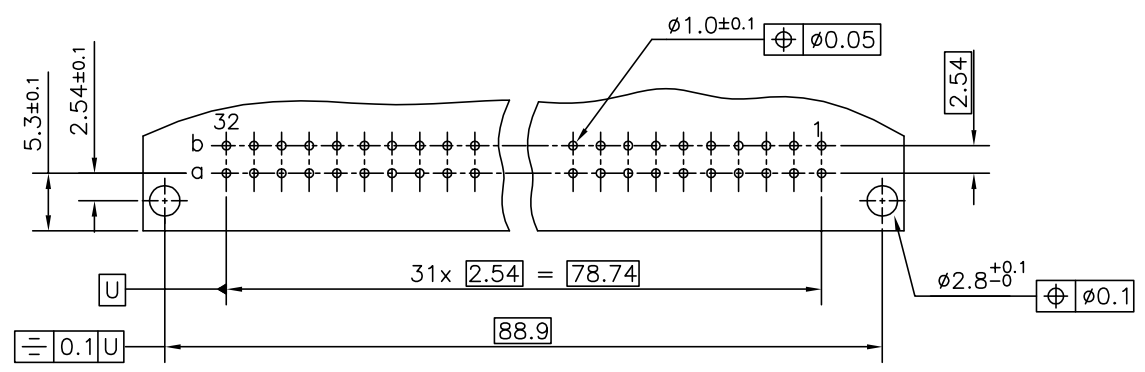


P.C.B DRILLING DETAILS



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/HARPOON MATERIAL : COPPER ALLOY  
 CONTACT ACTIVE ZONE PLATING : GOLD OVER NICKEL  
 CONTACT TERMINATION ZONE/HARPOON PLATING :  
 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	64	5	1	13	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	32							
Rows a b - - - - -		2	64							
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
WITH HARPOONS - - - - -										H
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
000E - - - - -										TIN LEAD VERSION
ELF - - - - -										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		mm		8609	
litr		ecn no		dr		date		title	
A		I04-0063		MINI		17/09/2004		DIN STANDARD HEADER	
B		I05-0089		MINI		19/05/2005		ANGLED SPILL DIN 41612 STYLE-B	
C		I06-0061		MINI		31/05/2006		scale -	
D		I06-0164		MINI		31/08/2006		dwg no	
								sheet 1 of 1 size	
								C-8609-2008 A3	
								type Product Customer Drawing	
sheet index		revision sheet		D					
		1							

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