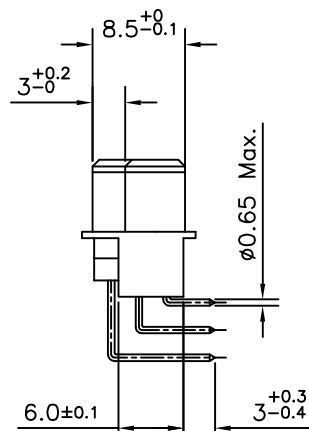
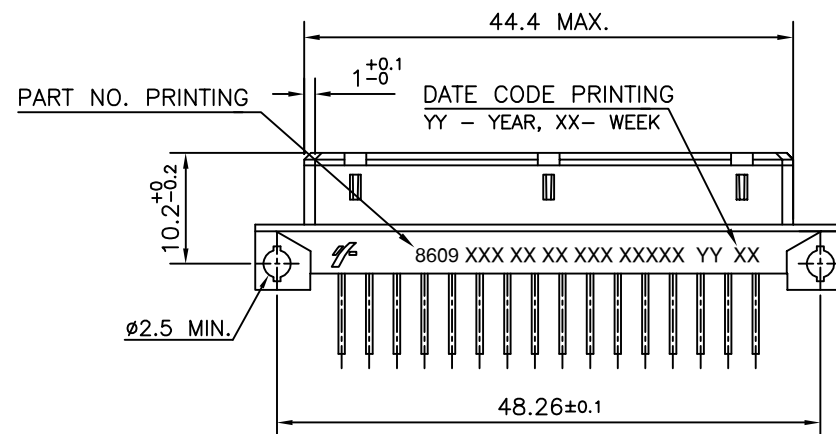
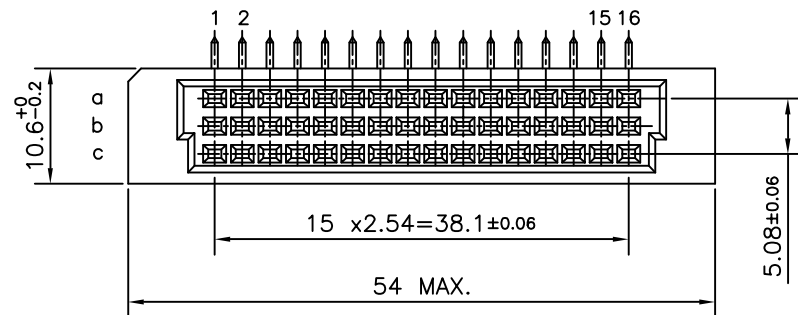
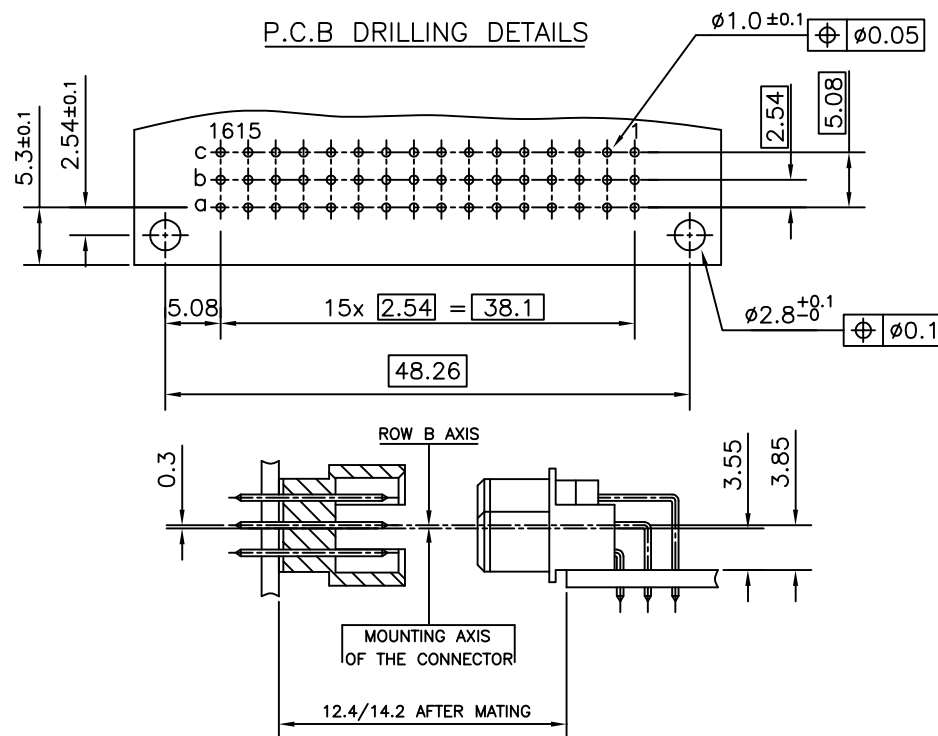


P.C.B DRILLING DETAILS



TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL 94V-0, GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C
WHEN USED WITH PROTECTIVE ADHESIVE OR PROTECTIVE METTALIC DEVICE FOR RIGHT ANGLE
CONNECTORS AS IT IS USED IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL : COPPER ALLOY
CONTACT PLATING :
ACTIVE ZONE : GOLD OVER NICKEL
TERMINATION ZONE :
TIN LEAD VERSION : TIN LEAD OVER NICKEL
LEAD FREE VERSION : TIN (PURE MATTE) OVER Ni
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 : ≥ 10⁶ MΩ
TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA

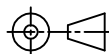
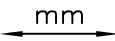
INSERTION FORCE PER CONTACT : ≤ 0.94N
EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	48	8	6	13	7	6	5	000E1
ROWS FITTED WITH CONTACTS										
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										
REVERSE MOUNTING - STYLE R/2					6					
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			
000E1										TIN LEAD VERSION
E1LF										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 ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 8609				
ltr	ecn no	dr	date	tolerances unless otherwise specified				title						
A	I04—0100	MINI	09/11/2004	angles	linear	.0±.1			DIN REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R/2					
B	I05—0042	MINI	19/05/2005											
C	I06—0063	MINI	01/06/2006			0°±1°								
				dr	MINI K VANDANATH	23/09/2004			dwg no		sheet 1 of 1		size	
				engr	RAKHEE GEORGE	23/09/2004			C-8609-2027				A3	
				chr	RAKHEE GEORGE	01/06/2006								
				appd	RAKHEE GEORGE	01/06/2006								
sheet index		revision		C						type				
		sheet		1						Product Customer Drawing				