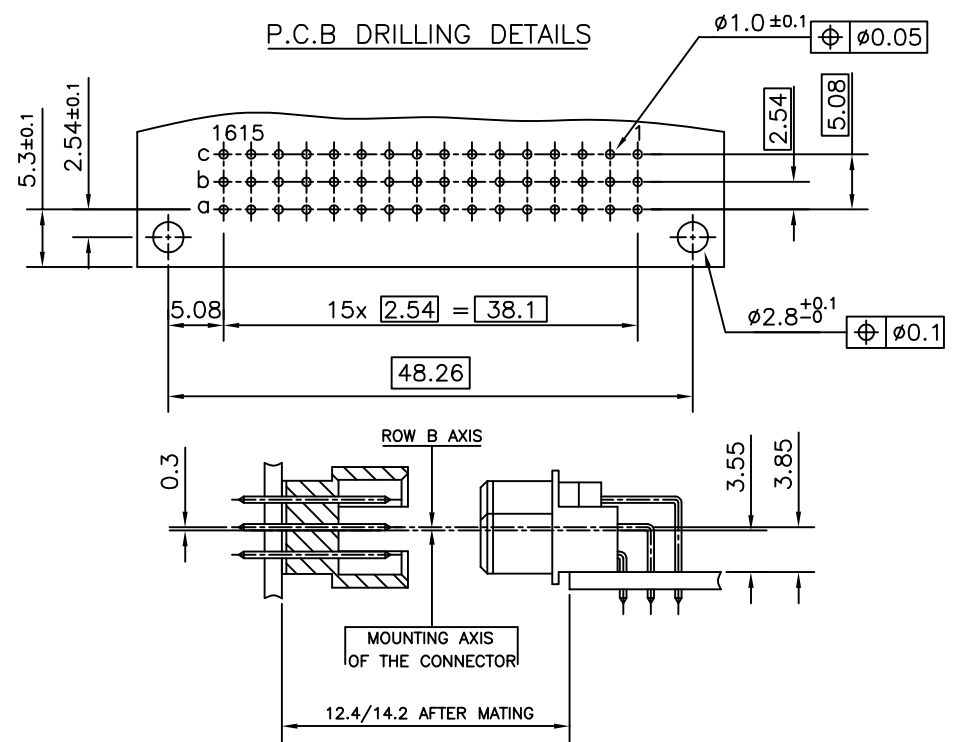
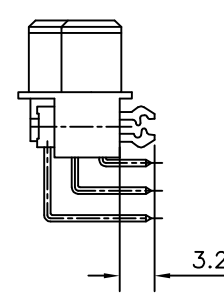
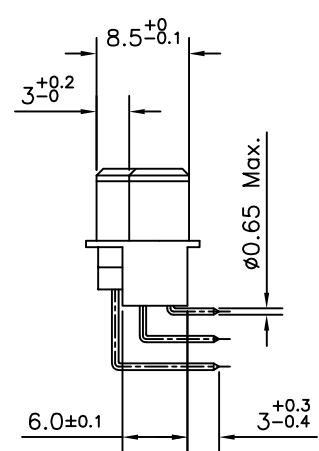
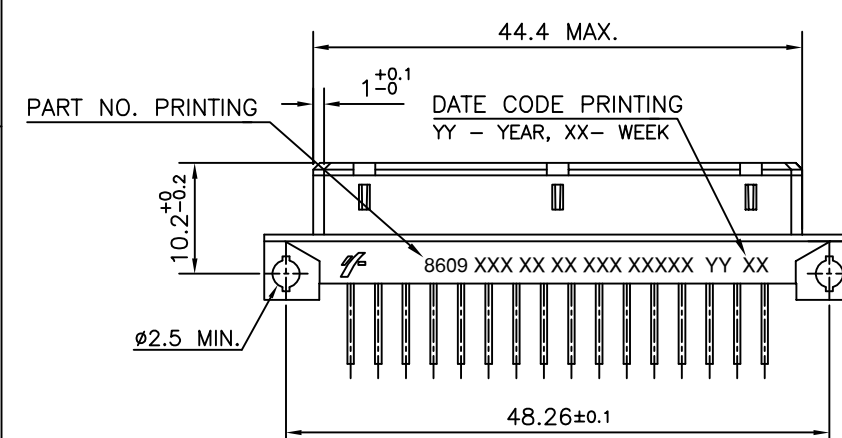
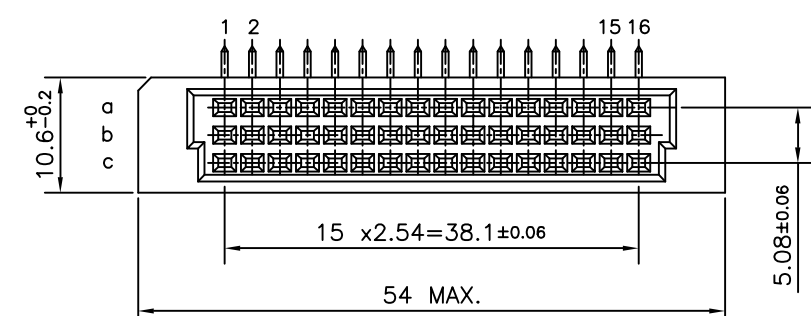




TECHNICAL SPECIFICATION

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:-

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	tolerances unless otherwise specified			title			
A	I04-0100	MINI	09/11/2004	angles	linear		DIN REVERSE RECEPTACLE			
B	I05-0042	MINI	19/05/2005			mm	ANGLED SPILL DIN 41612 STYLE-R/2			
C	I06-0063	MINI	01/06/2006	0°±1°		scale -				
				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	type Product Customer Drawing			
				appd	RAKHEE GEORGE	01/06/2006				
sheet index	revision	C								
	sheet	1								