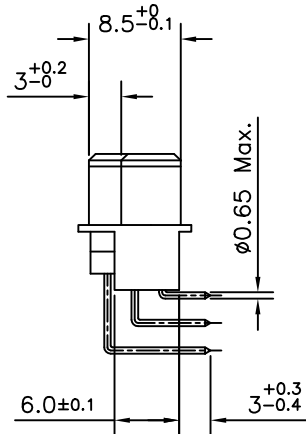
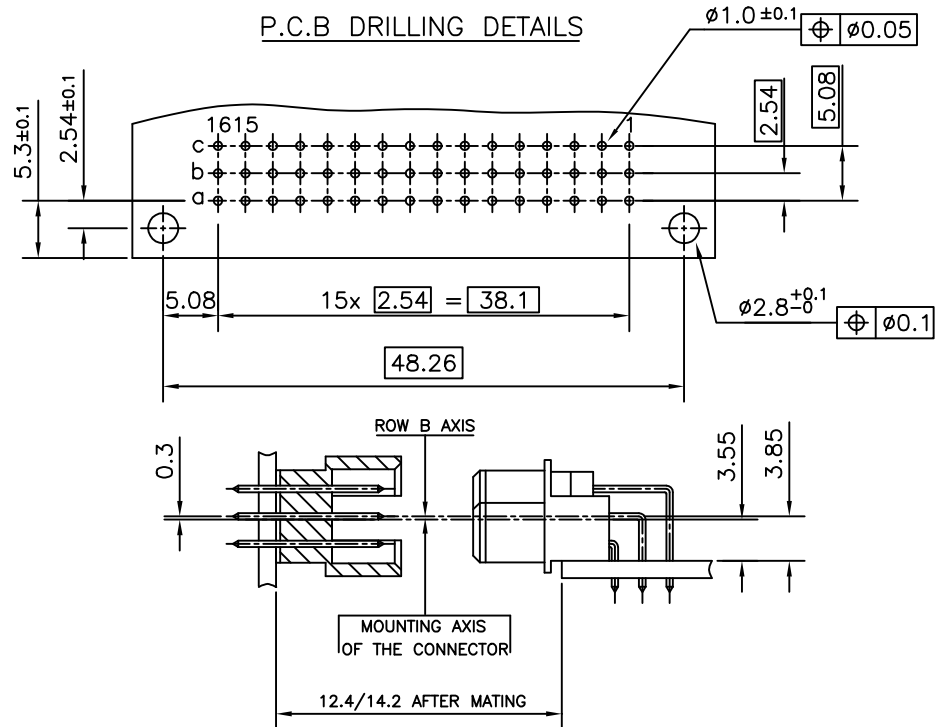
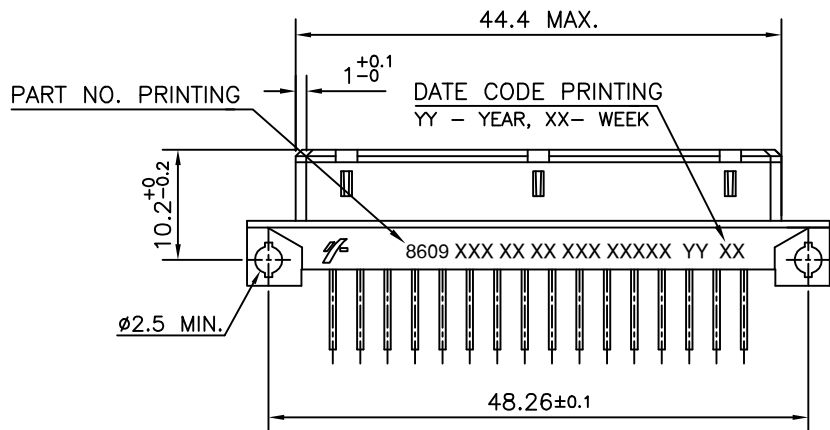
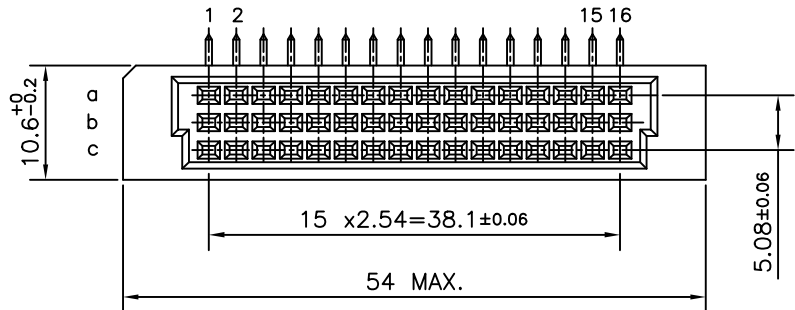


A

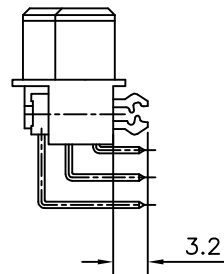
B

C

D



NO OPTION



WITH HARPOONS

### 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 : ≥ 10<sup>6</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	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.

b	19/05/2005	TECHNICAL SPECIFICATION MODIFIED AND LEAD FREE NOTE ADDED.
a	23/09/2004	DRAWING NO. WAS C-8609-0095 REV. b AND HARPOON MOUNTING ADDED.
INDEX	DATE	REVISION DESCRIPTION

ltr	Ecn no	Dr	date
b	105-0042	MINI	19/05/2005
a	104-0100	MINI	09/11/2004

				<div>✓</div>		Tolerance LINEAR ±0.1 ANGULAR ±1°		<div></div>		<div>MM</div> <div>←→</div>		
Dr	Mini K Vandanath		23/09/2004		Product Family 8609				Size A3	Scale <div>_____</div>		
Eng	Rakhee George		23/09/2004		Spec ref							
Chr	Rakhee George		19/05/2005				Material SEE TECH. SPEC.			ECN		
Appr	K Somasundaram		19/05/2005									
<div></div>		Title DIN REVERSE RECEPTACLE (ANGLED SPILL DIN41612 STYLE-R/2)					Dwg no C-8609-2027				Rev. b	
D:ENGG:EURO/8609		Catalog no 8609---86137-5XXXXX, 8609---8613H-5XXXXX					CUSTOMER COPY				Sheet 1 of 1	

A

B

C

D