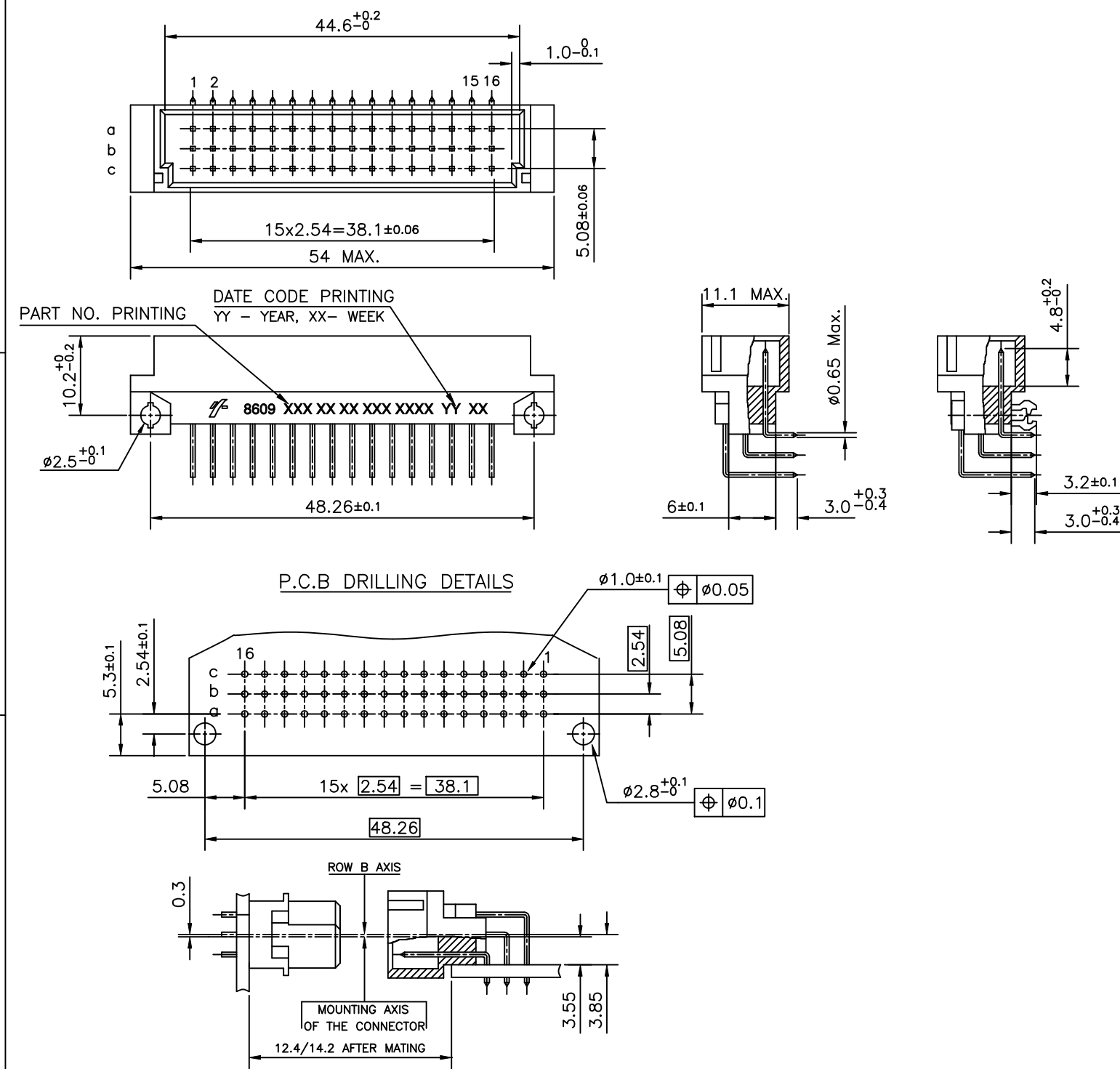


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TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V-0, 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	3	48	7	3	13	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a - - - - -		1	16							
Rows a - c - - - - -		4	32							
Rows a b c - - - - -		3	48							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR - - - - -				7						
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2 - - - - -						3				
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.

INDEX	DATE	REVISION DESCRIPTION
c	19/05/2005	TECHNICAL SPECIFICATION MODIFIED AND NOTE ADDED
b	09/11/2004	ORDERING INFORMATION MODIFIED
a	17/09/2004	PART NO. 000E1 CHANGED TO 000E AND DRAWING NO. WAS C-8609-0106 REV. c.

ltr	Ecn no	Dr	date
c	I05-0089	MINI	19/05/2005
b	I04-0100	MINI	09/11/2004
a	I04-0063	MINI	17/09/2004

			✓	Tolerance LINEAR ±0.1 ANGULAR ±1°	Projection MM
Dr	Mini K Vandanath	17/09/2004	Product Family 8609		
Eng	Rakhee George	17/09/2004	Spec ref		
Chr	Rakhee George	19/05/2005	Material SEE TECH. SPEC.		
Appr	K Somasundaram	19/05/2005	ECN		
FCI		Title DIN STANDARD HEADER (ANGLED SPILL DIN41612 STYLE-C/2)		Dwg no C-8609-2003	
DENGGEURO/8609		Catalog no 8609---7313---XXXX		Rev. c	
CUSTOMER COPY				Sheet 1 of 1	