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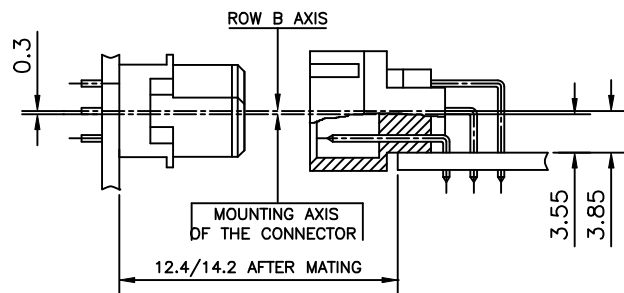
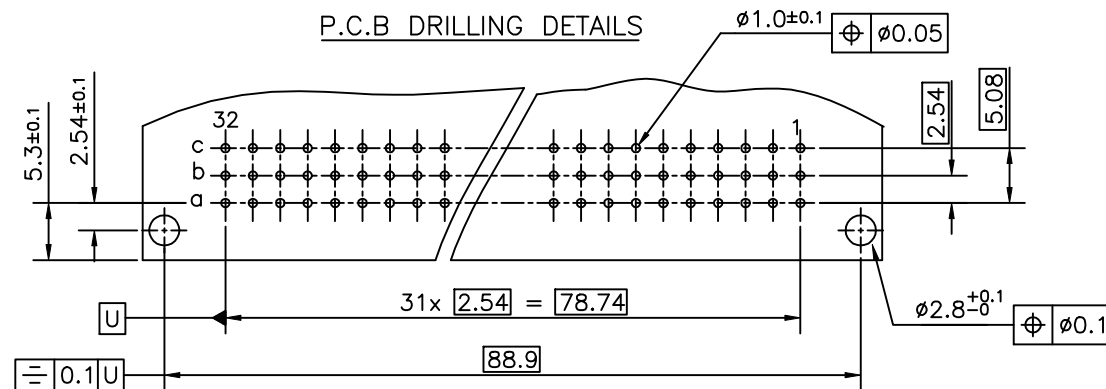
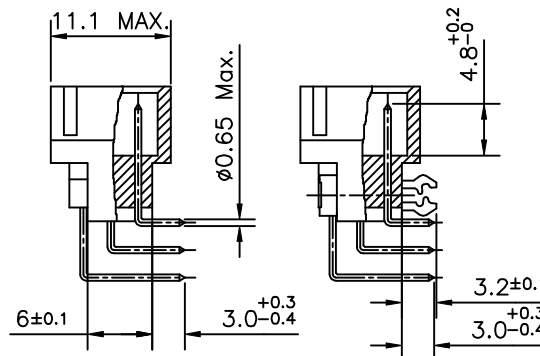
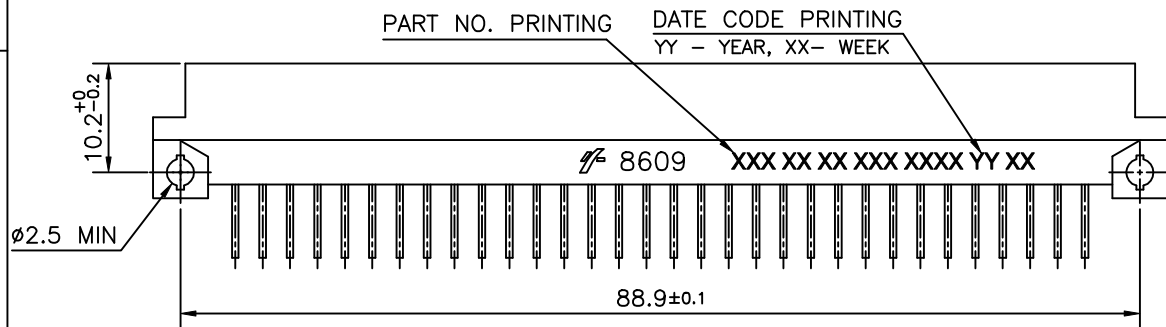
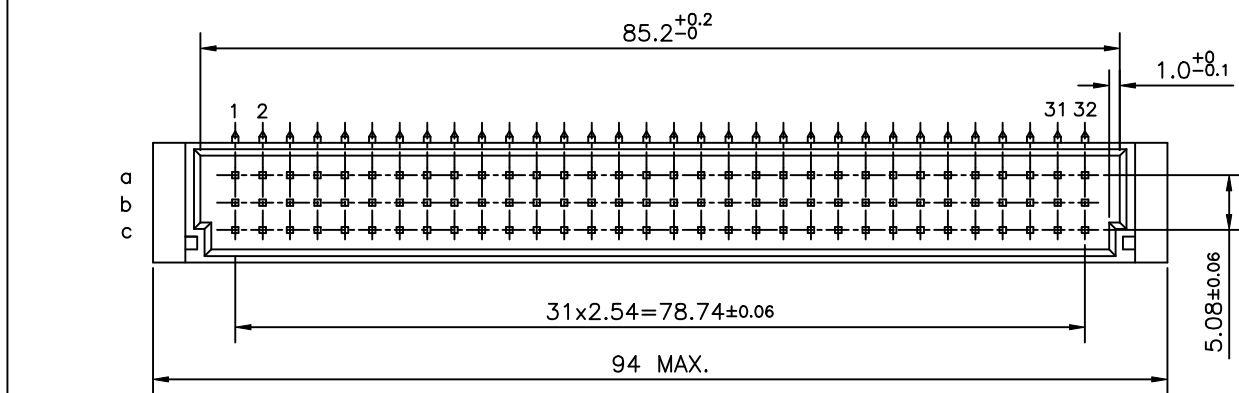
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TECHNICAL SPECIFICATION

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 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	96	7	1	13	7	4	5	000E
ROWS FITTED WITH CONTACTS										
Rows a-b-c		3	96							
Rows a-c		4	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR				7						
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C					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										5
2.54										
000E										TIN LEAD VERSION
ELF										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.

b	19/05/2005	TECHNICAL SPECIFICATION MODIFIED AND LEAD FREE NOTE ADDED.
a	16/09/2004	PART NO. 000E1 CHANGED TO 000E , HARPOON MOUNTING ADDED AND DRAWING NO.WAS C-8609-0137 REV. c.
INDEX	DATE	REVISION DESCRIPTION

ltr	Ecn no	Dr	date
b	105-0042	MINI	19/05/2005
a	104-0063	MINI	16/09/2004

				✓	Tolerance LINEAR ±0.1 ANGULAR ±1°	Projection 	MM →
Dr	Mini K Vandanath	16/09/2004	Product Family	8609	Size	A3	Scale
Eng	Rakhee George	16/09/2004	Spec ref		ECN		
Chr	Rakhee George	19/05/2005	Material	SEE TECH. SPEC.			
Appr	K Somasundaram	19/05/2005					
					Title	DIN STANDARD HEADER (ANGLED SPILL DIN41612 STYLE-C)	Dwg no C-8609-2001
				DENGGI EURO 8609	Catalog no	8609---7113---XXXX	Rev. b
					CUSTOMER COPY		Sheet 1 of 1

A

B

C

D