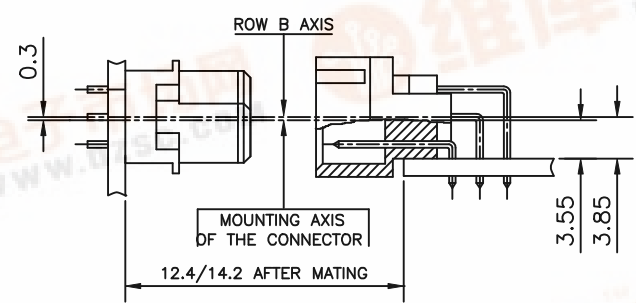
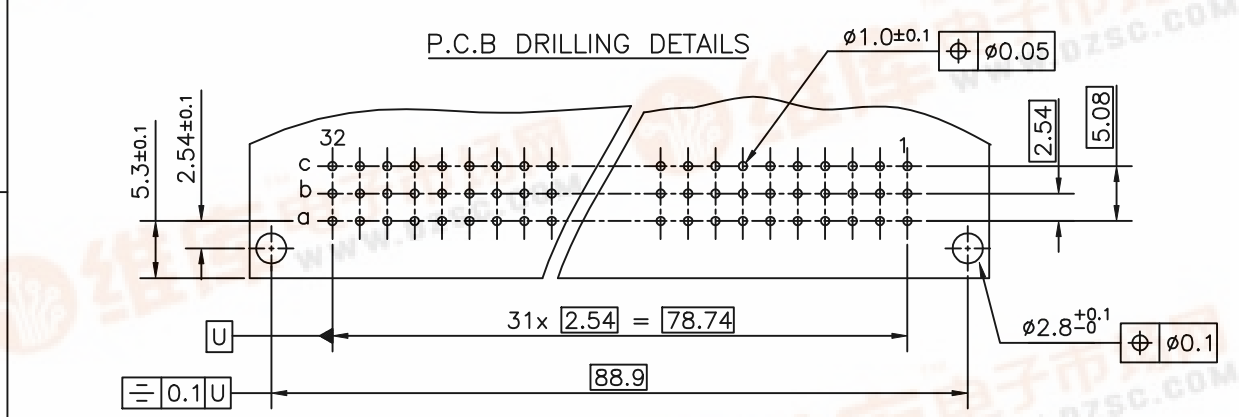
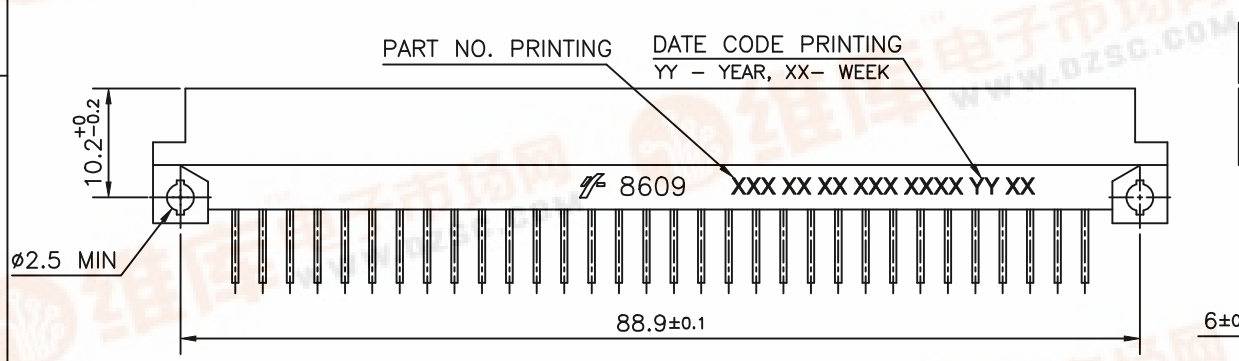
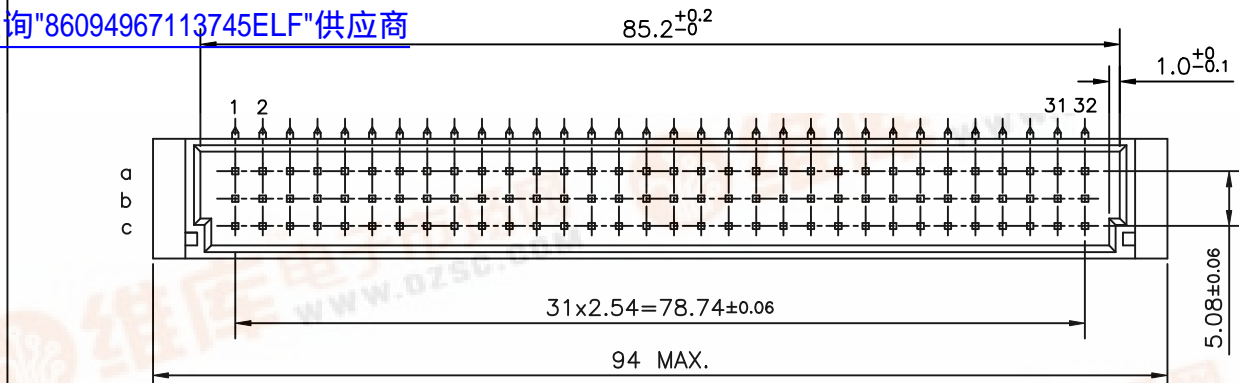


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TECHNICAL SPECIFICATION

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 : ≥ 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	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										
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
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.

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
Eng	Rakhee George	16/09/2004	Spec ref		A3
Chr	Rakhee George	19/05/2005	Material	SEE TECH. SPEC.	Scale
Appr	K Somasundaram	19/05/2005	ECN		
Title		DIN STANDARD HEADER (ANGLED SPILL DIN41612 STYLE-C)		Dwg no	
FCI		DENGGEURO/8609		C-8609-2001	
Catalog no		8609---7113---XXXX		Rev.	
CUSTOMER COPY		Sheet 1 of 1		b	