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FCI

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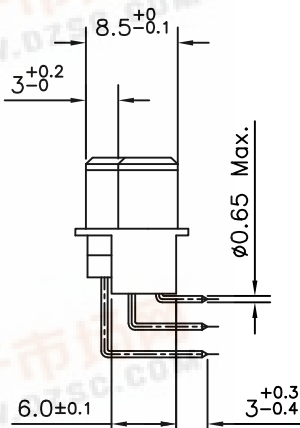
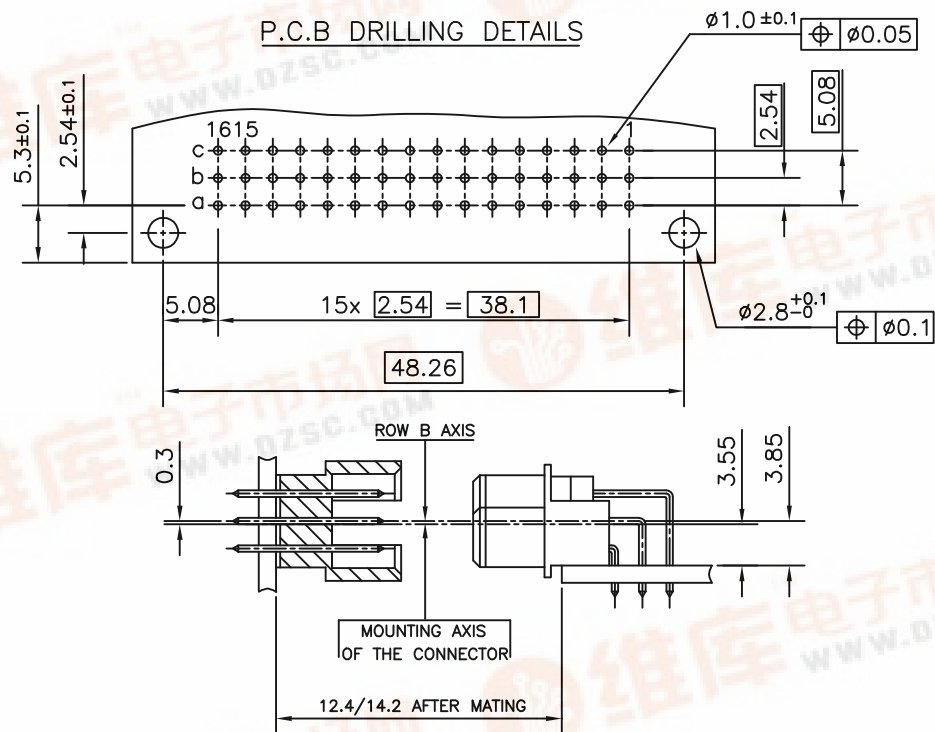
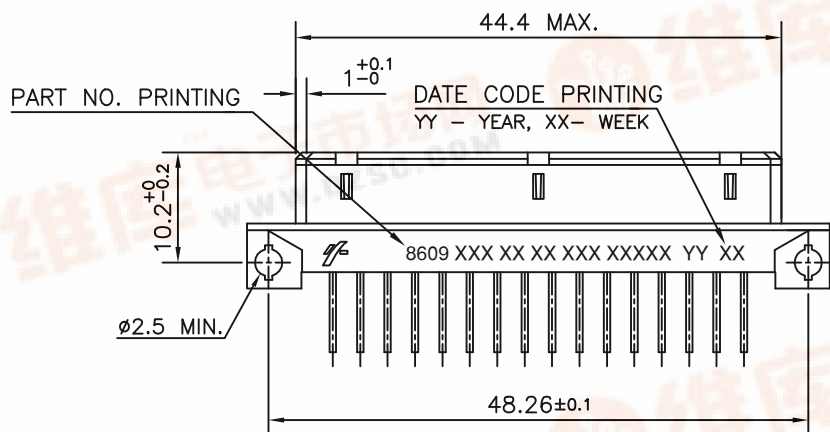
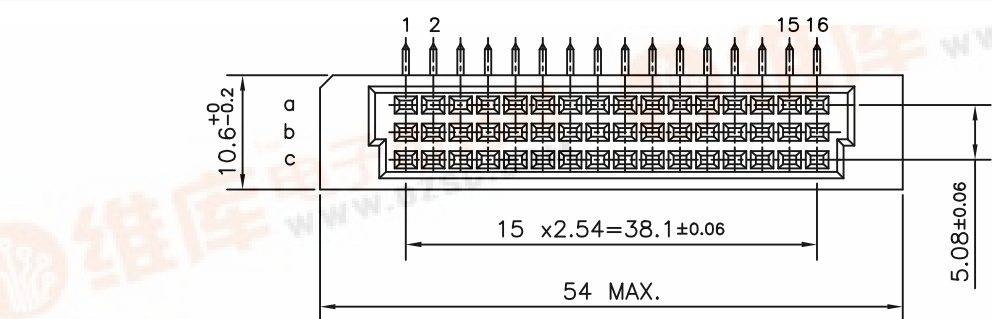
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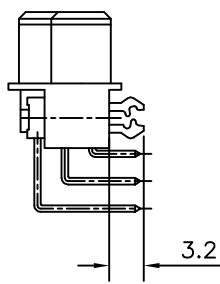
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D



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 : ≥ 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.

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

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