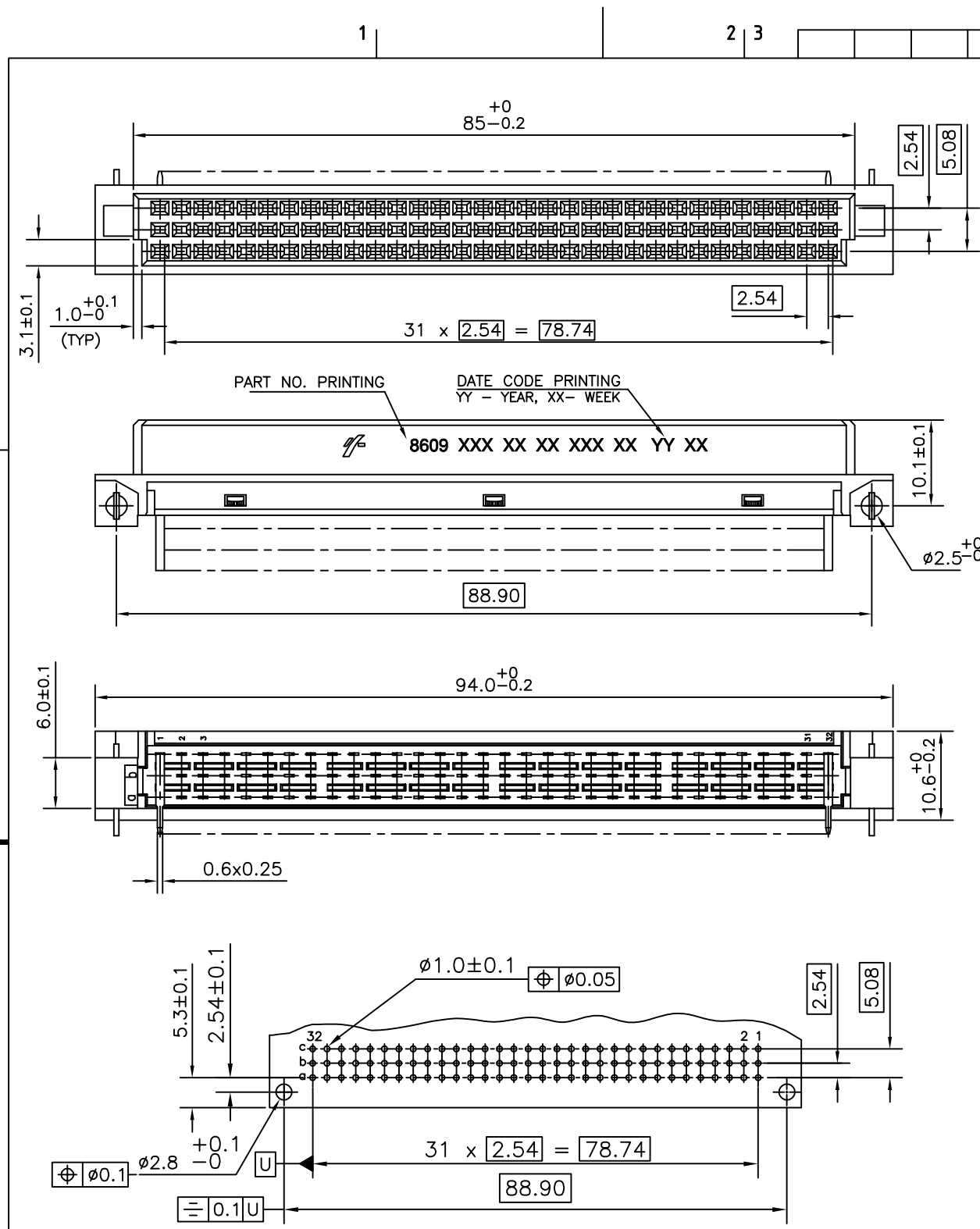




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PCB DRILLING DETAILS

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.

TECHNICAL SPECIFICATION	
HOUSING MATERIAL	: THERMOPLASTIC POLYESTER UL 94 V-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 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 ⁹ 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 8 8 13 7 5 5 V1	
ROWS FITTED WITH CONTACTS	
Rows a-b	2 64
Rows a-b-c	3 96
Rows a-c	4 64
NUMBER OF CONTACTS	
TYPE OF INSULATOR	
3 ROW FEMALE INSULATOR	8
METHOD OF MOUNTING	
REVERSE MOUNTING - STYLE R	8
TERMINATION	
ANGLED SPILL	13
OPTIONS	
WITH HARPOONS	H
NO OPTION	7
PERFORMANCE CLASS	
4 - DIN 41612 CLASS 3	4
5 - DIN 41612 CLASS 2	5
6 - DIN 41612 CLASS 1	6
8 - AS PER MIL C 55302/JSS 50808	8
PITCH PER ROW	
2.54	5
V1	TIN LEAD VERSION
V1LF	LEAD FREE VERSION

mat'l. code				surface		tolerance		projection		product family											
-				ISO 1302		ISO 406 ISO 1101				8609											
ltr	ecn no	dr	date	tolerances unless otherwise specified								title									
A	I04-0100	MINI	09/11/2004	angles	linear		.0±.1		DIN REVERSE RECEPTACLE ANGLED SPILL DIN 41612 STYLE-R												
B	I05-0042	MINI	19/05/2005																		
C	I06-0063	MINI	01/06/2006																		
				0'±1"																	
				dr	MINI K VANDANATH		29/09/2004				dwg no				sheet 1 of 1				size		
				engr	RAKHEE GEORGE		29/09/2004				C-8609-2029				A3						
				chr	RAKHEE GEORGE		01/06/2006				type Product Customer Drawing										
				appd	RAKHEE GEORGE		01/06/2006														
sheet index		revision		C																	
		sheet		1																	

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