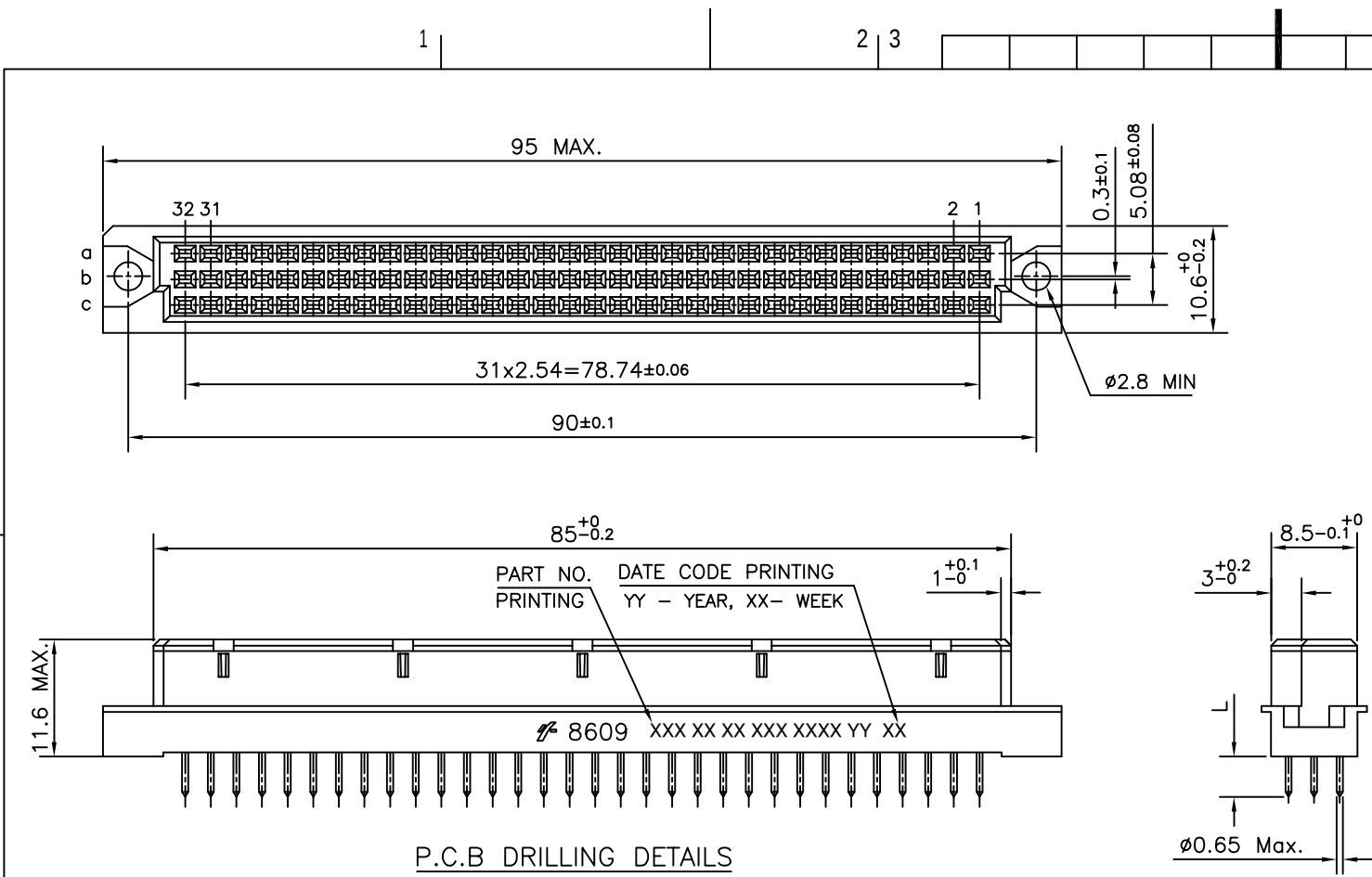


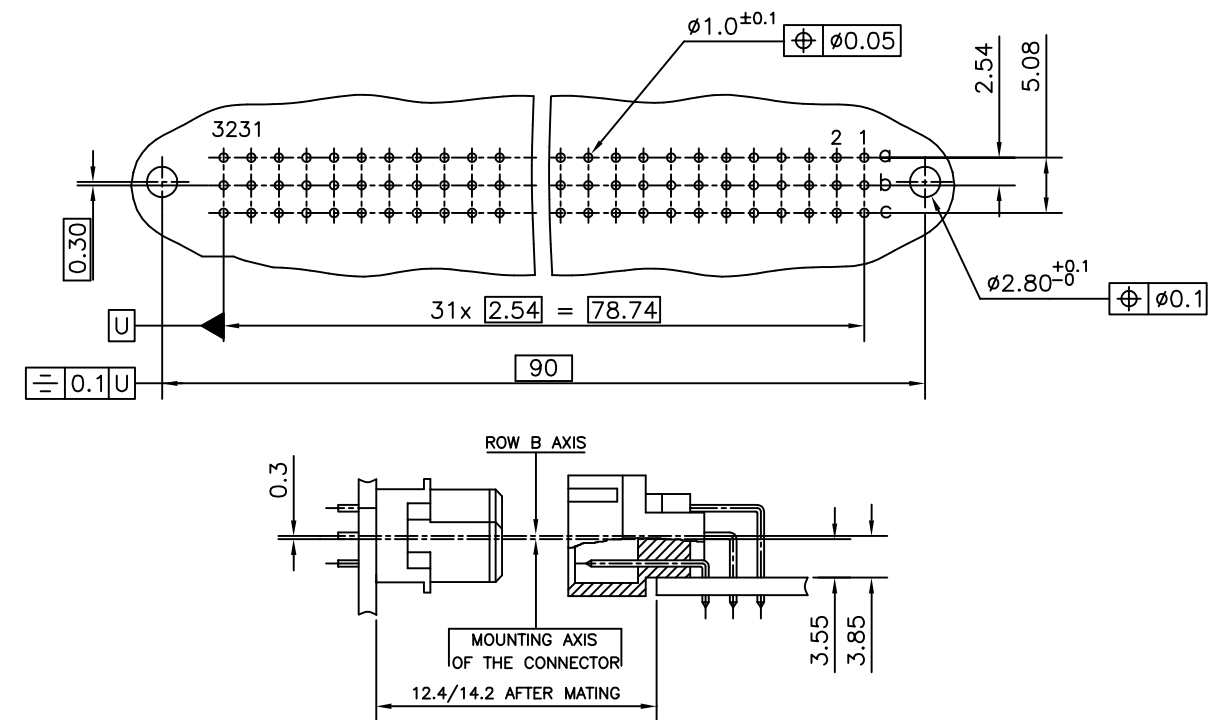


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P.C.B DRILLING DETAILS



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 UL94V-0 , GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING
TEMPERATURE OF 250-265°C FOR STRAIGHT CONNECTORS AS IT IS
IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL : COPPER ALLOY
CONTACT ACTIVE ZONE PLATING : GOLD OVER NICKEL
CONTACT TERMINATION ZONE
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	8	1	14	7	5	5	000E1
ROWS FITTED WITH CONTACTS										
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										
STANDARD MOUNTING - STYLE C					1					
TERMINATION										
SHORT STRAIGHT SPILL (L = SEE TABLE)									24	
LONG STRAIGHT SPILL (L = SEE TABLE)									14	
OPTIONS										
NO OPTION									7	
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										
000E1										TIN LEAD VERSION
E1LF										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	I05-0017	MINI	02/02/2005	angles		linear		.0±.1		mm		DIN STANDARD RECEPTACLE									
B	I06-0062	MINI	01/06/2006	0°±1°						scale -		STRAIGHT DIN 41612 STYLE-C									
				dr	MINI K VANDANATH		21/09/2004				dwg no						sheet 1 of 1		size		
				enrg	RAKHEE GEORGE		21/09/2004				C-8609-2013						A3				
				chr	RAKHEE GEORGE		01/06/2006														
				appd	RAKHEE GEORGE		01/06/2006														
sheet index		revision sheet		B	1																