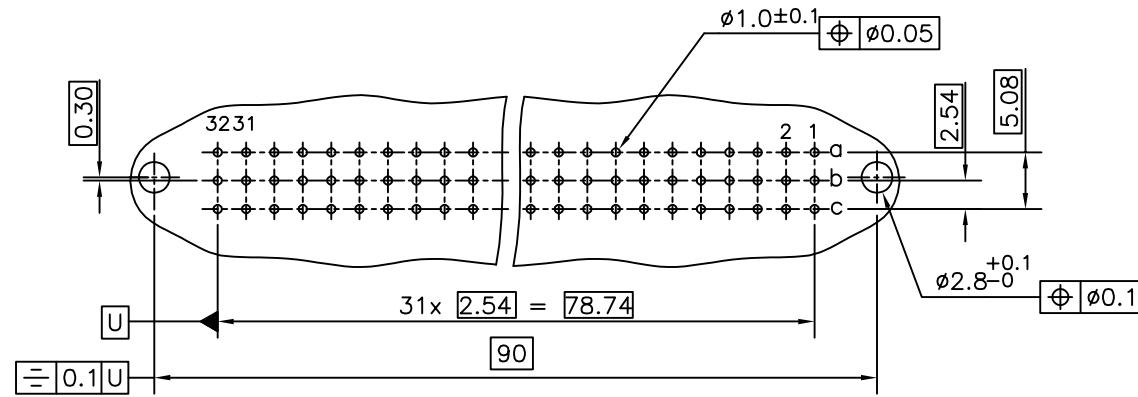
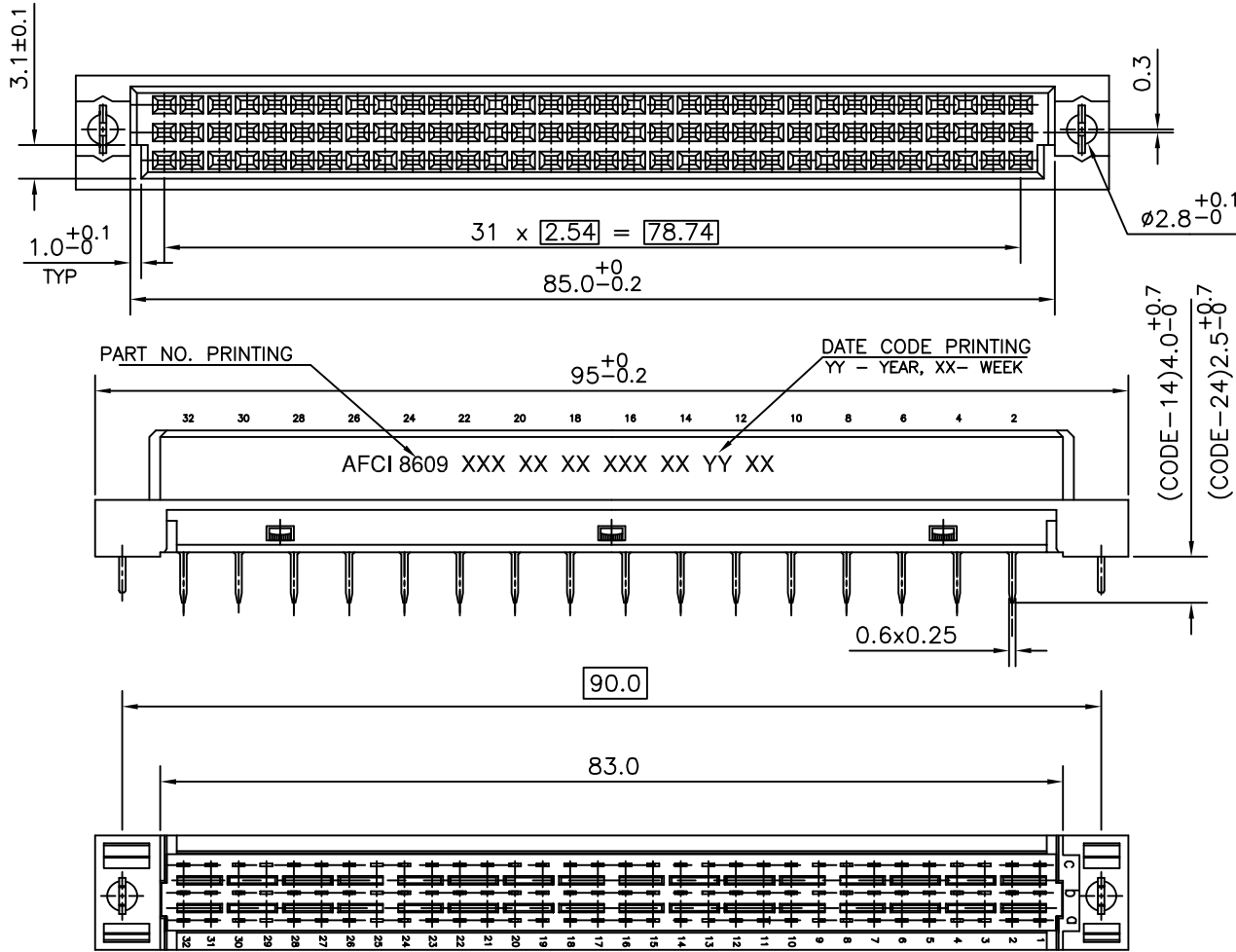
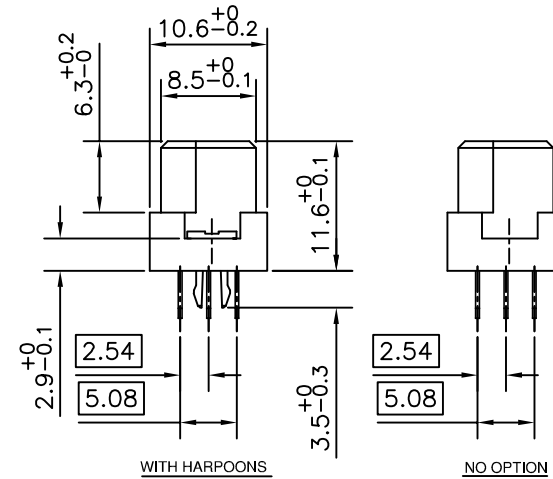




P.C.B DRILLING DETAILS

NOTES:

1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
3. FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.



TECHNICAL SPECIFICATION

INSULATOR MATERIAL : POLYESTER THERMOPLASTIC UL94V-0, GREY
HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING
TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN
CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT / HARPOON MATERIAL : COPPER ALLOY
CONTACT PLATING
ACTIVE ZONE : Au / GXT™ OVER NICKEL
TERMINATION ZONE
LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL
HARPOON PLATING
LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL

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 : ≥ 10⁹ 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	1	14	7	5	8	V1LF
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										
STANDARD MOUNTING - STYLE C					1					
TERMINATION										
STRAIGHT SPILL (LONG)						14				
STRAIGHT SPILL (SHORT)						24				
OPTIONS										
NO OPTION								7		
WITH HARPOONS								H		
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										
5.08								8		
SPECIAL CODE										
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 STANDARD RECEPTACLE			
B	I05-0042	MINI	19/05/2005				STRAIGHT SPILL DIN 41612 STYLE-C			
C	I06-0063	MINI	01/06/2006	0'±1'			scale			
D	ELX-I-30201	AMAL	16/05/2018	dr	MINI K VANDANATH	29/09/2004	dwg no			
				engr	RAKHEE GEORGE	29/09/2004	sheet 1 of 1			
				chr	M JACOB	16/05/2018	size			
				appd	BIJU K PAUL	16/05/2018	A3			
sheet	revision	D					type			
index	sheet	1					Product Customer Drawing			