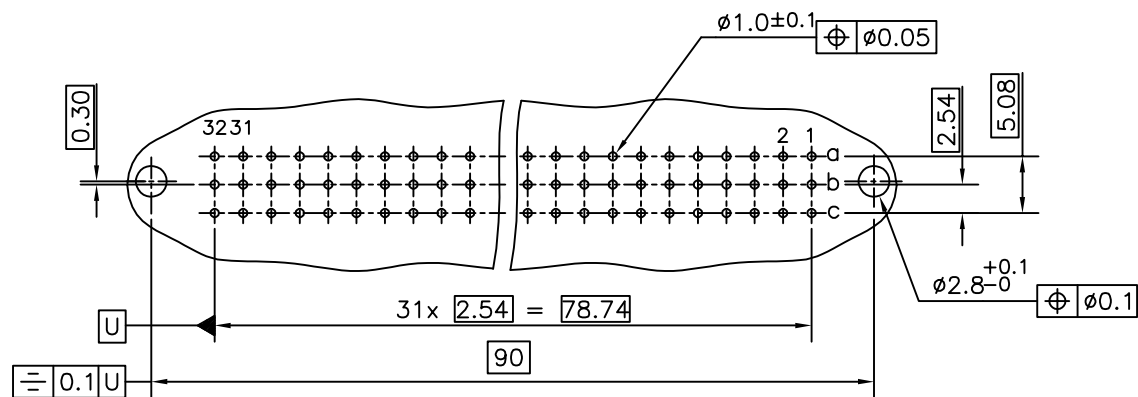
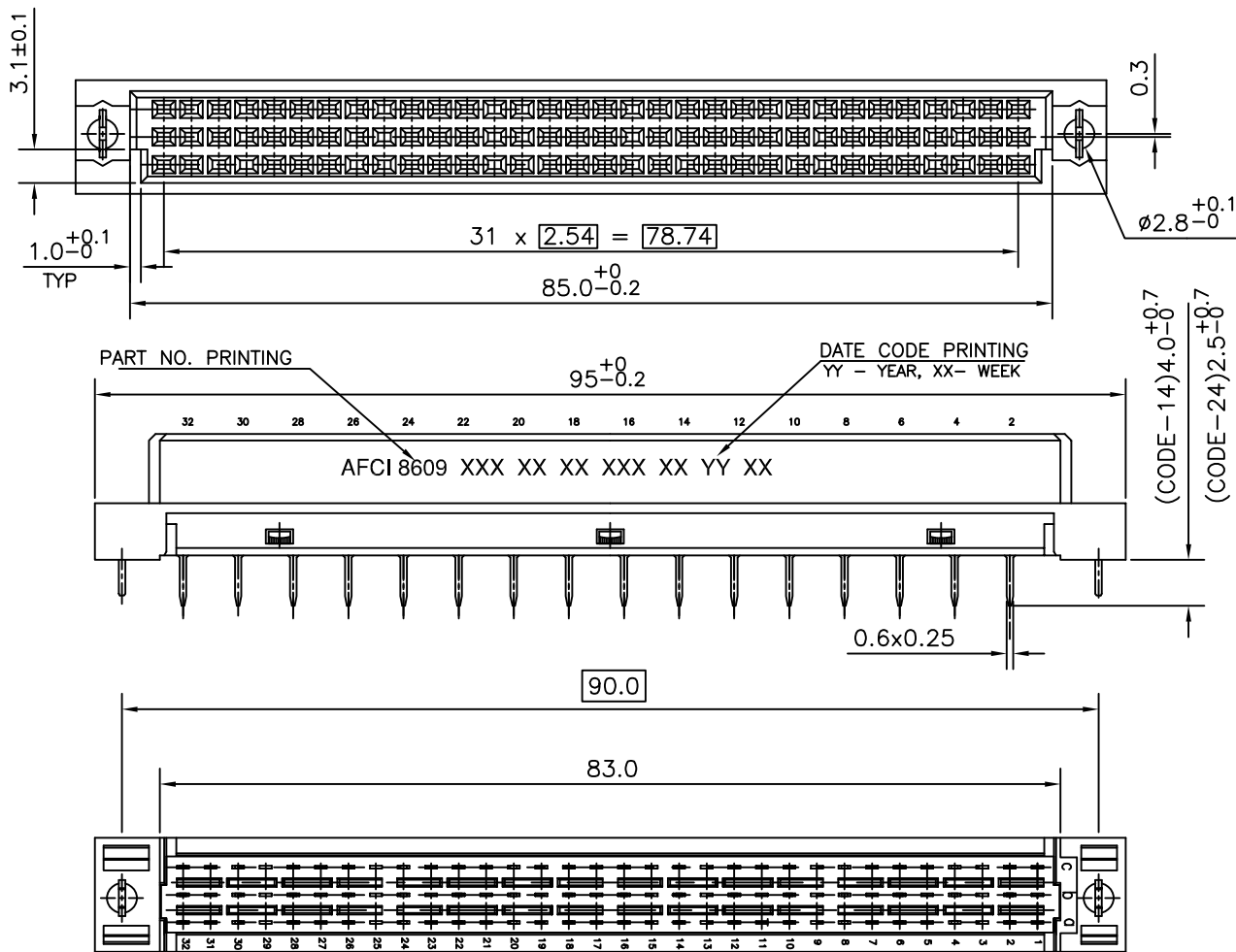
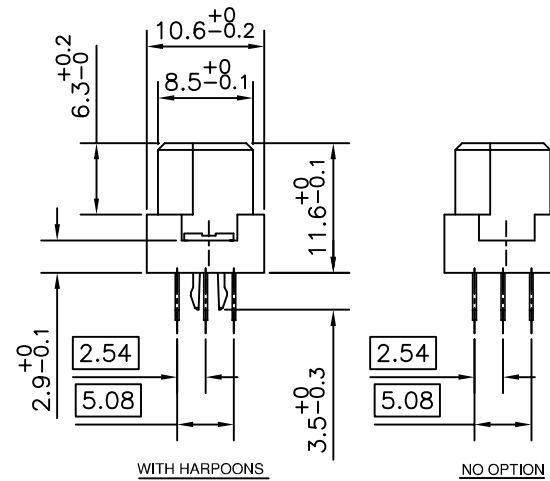




- NOTES:
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
 2. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
 3. FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.



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		mm	title			
A	I04-0100	MINI	09/11/2004	angles	linear		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		sheet 1 of 1	size
				engr	RAKHEE GEORGE	29/09/2004	C-8609-2033			A3
				chr	M JACOB	16/05/2018				
				appd	BIJU K PAUL	16/05/2018				
sheet	revision	D					type			
index	sheet	1					Product Customer Drawing			