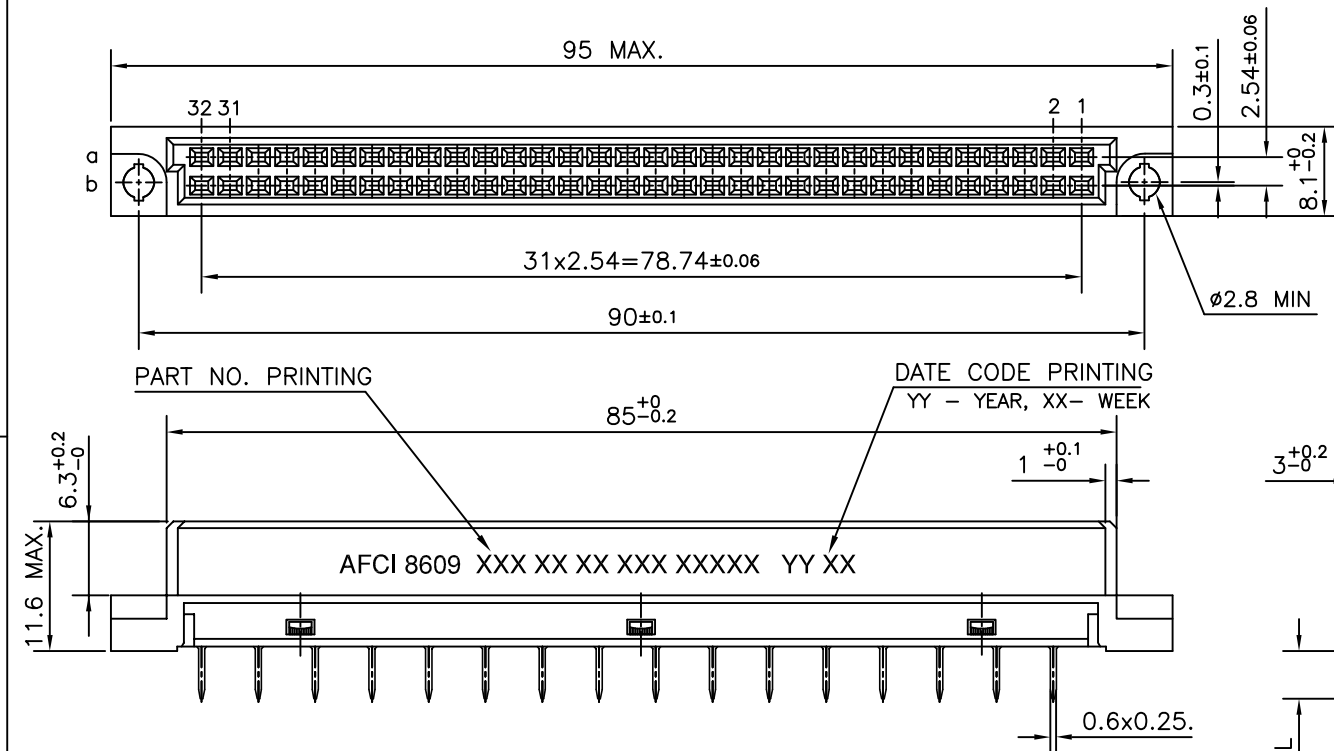
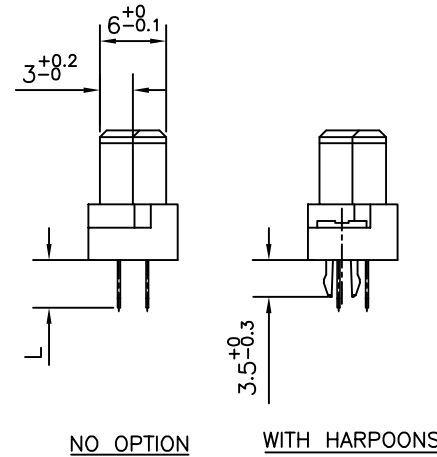
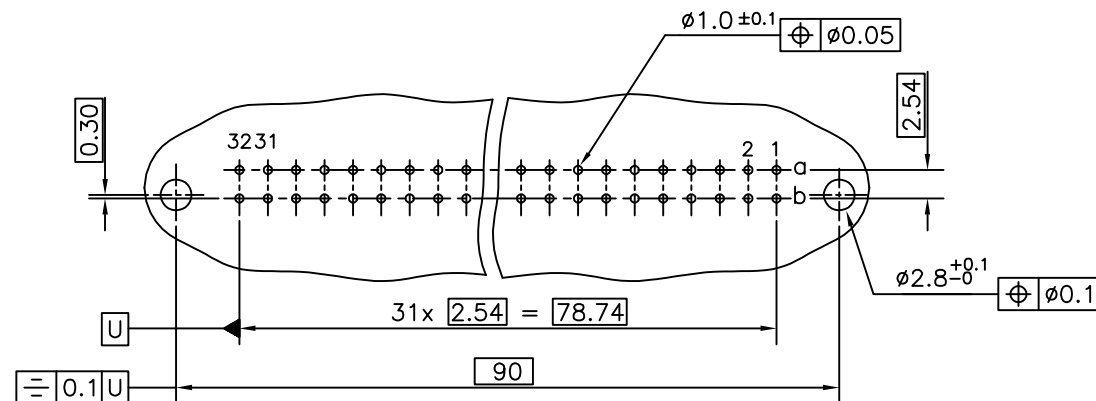


## NOTES:

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.



## P.C.B DRILLING DETAILS



24	2.5
14	4.0
TERM. STYLE	L +0.7/-0

## 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 FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C
CONTACT / HARPOON MATERIAL	: COPPER ALLOY
CONTACT PLATING	
ACTIVE ZONE	: GOLD / GXT™ OVER NICKEL
TERMINATION ZONE / HARPOON PLATING	
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 <sup>6</sup> 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	2	32	6	1	14	7	5	8	V1LF
ROWS FITTED WITH CONTACTS										
Rows a b -		2	32							
Rows a -		1	16							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
2 ROW FEMALE INSULATOR				6						
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE B					1					
TERMINATION										
LONG STRAIGHT SPILL (L - SEE TABLE)							14			
SHORT STRAIGHT SPILL (L - SEE TABLE)							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	
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	-	MJA	2013-06-19	angles	linear		DIN STANDARD RECEPTACLE			
B	ELX-I-30201	AMAL	2018-05-16				STRAIGHT SPILL DIN 41612 STYLE-B			
-	-	-	-	0°±1°		scale	-			
				dr	M JACOB	2013-04-24	dwg no		sheet 1 of 1	size
				engr	M JACOB	2013-04-24	C-8609-2317			A3
				chr	M JACOB	2018-05-16				
				appd	BIJU K PAUL	2018-05-16	type Product Customer Drawing			
sheet index	revision	B								
	sheet	1								

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