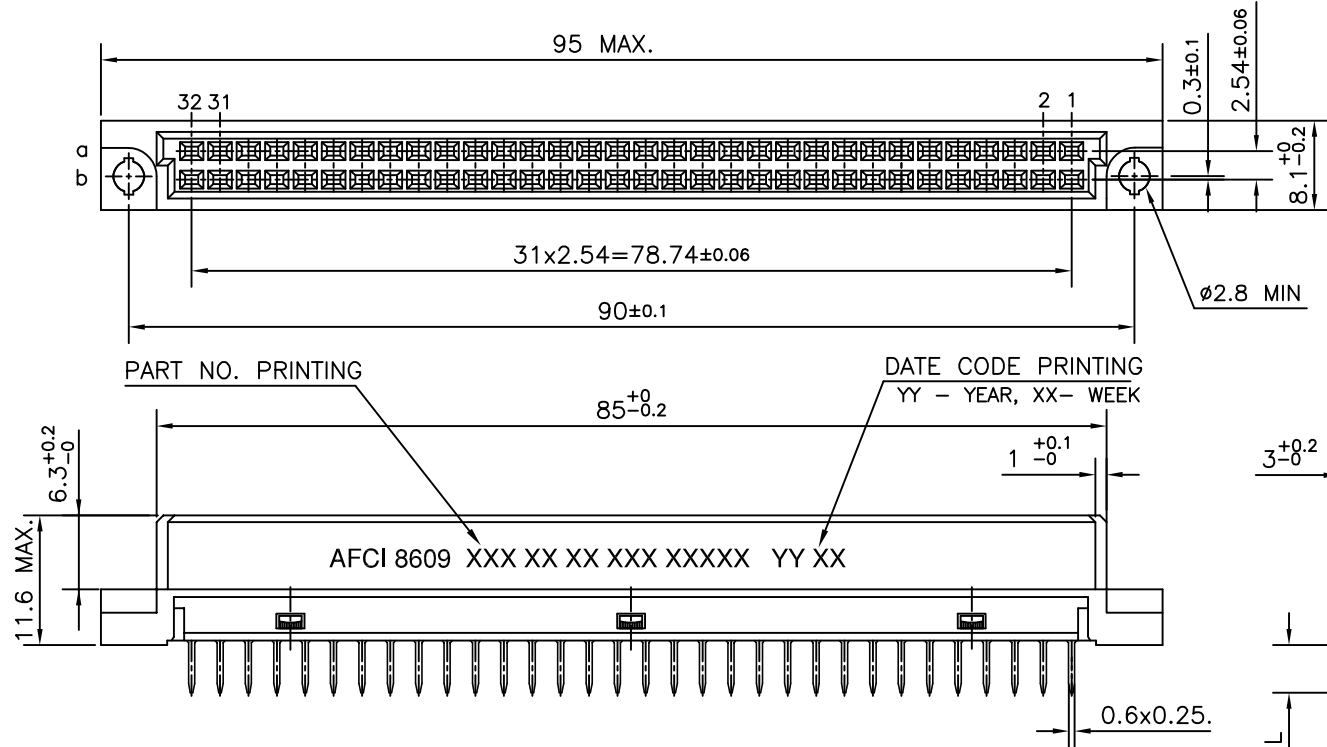
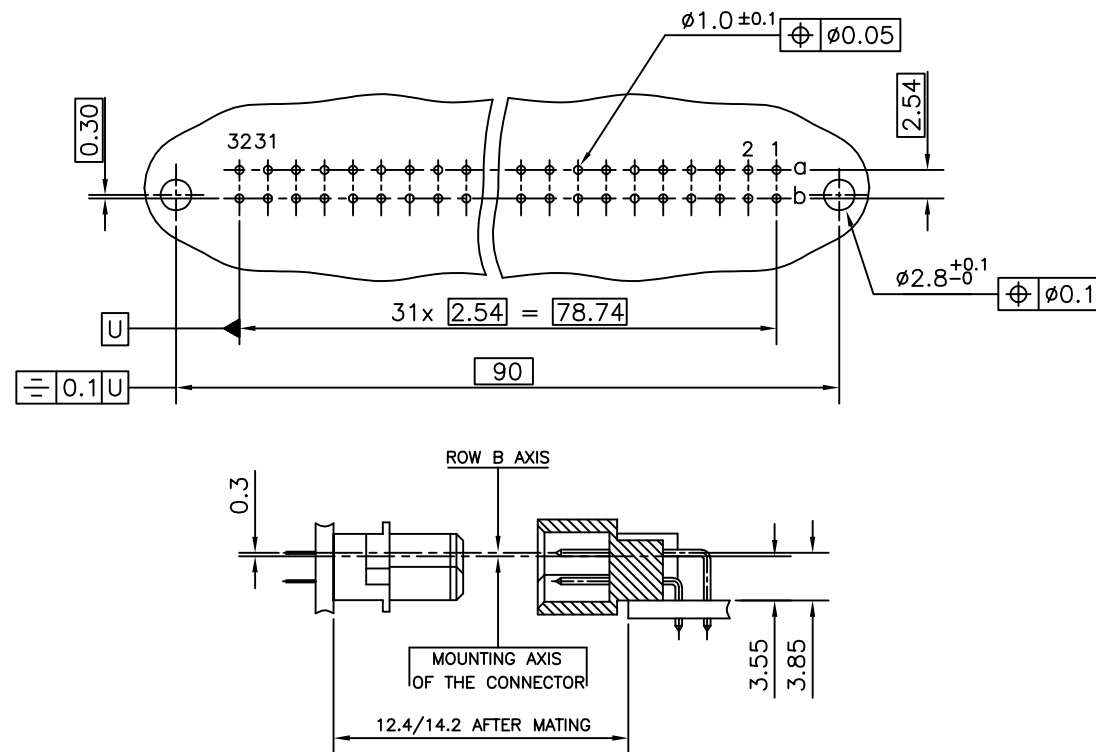


- NOTES:
- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.
  - LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
  - FOR GENERAL CHARACTERISTICS AND RoHS INFORMATION, REFER DRAWING C-8609-0000A.



P.C.B DRILLING DETAILS



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

NO OPTION

WITH HARPOONS

# TECHNICAL SPECIFICATION

HOUSING MATERIAL	: THERMOPLASTIC POLYESTER UL 94 V-0, GREY
CONTACT MATERIAL	: COPPER ALLOY
CONTACT PLATING	: GOLD / GXT™ OVER NICKEL
ACTIVE ZONE	: GOLD / GXT™ OVER NICKEL
TERMINATION ZONE	: TIN (PURE MATTE) OVER Ni
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>8</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	64	6	1	14	7	5	5	V1LF
ROWS FITTED WITH CONTACTS										
Rows a b -		2	64							
Rows a -		1	32							
Rows - b -		5	32							
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										
2.54									5	
V1LF										LEAD FREE VERSION

mat'l. code	-	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	8609
ltr	ecn no	dr	date	tolerances unless	otherwise specified			title	DIN STANDARD RECEPTACLE
A	-	MJA	2012-10-10	angles	linear	.0±.1	mm		STRAIGHT SPILL DIN 41612 STYLE-B
B	ELX-I-30159	MJA	2018-05-12						
C	ELX-I-35876	MJA	2020-01-11	0'±1'			scale		
				dr	M JACOB	2012-05-22		dwg no	sheet 1 of 1
				engr	M JACOB	2012-05-22			size
				chr	M JACOB	2020-01-11			A3
				appd	SANOJ	2020-01-11			
sheet index	revision	C	1					type	Product Customer Drawing

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