

TECHNICAL SPECIFICATION

HOUSING MATERIAL : HIGH TEMPERATURE THERMOPLASTIC POLYESTER (LCP) UL94V-0, NATURAL
 HOUSING CAN WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION, INFRARED OR VAPOUR REFLOW SOLDER APPLICATION

CONTACT / HARPOON MATERIAL : COPPER ALLOY

CONTACT ACTIVE ZONE PLATING : AU/GXT™ OVER NICKEL

CONTACT TERMINATION ZONE/HARPOON PLATING

LEAD FREE VERSION : TIN (PURE MATTE) OVER NICKEL

RAILWAY CLASSIFICATION : I2/F1 acc to NFF 16-101/102
 R22/R23 to HL3 acc to EN45545-2:2013

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 : ≥ 10⁸ MΩ

TEST VOLTAGE (rms) : 1000V

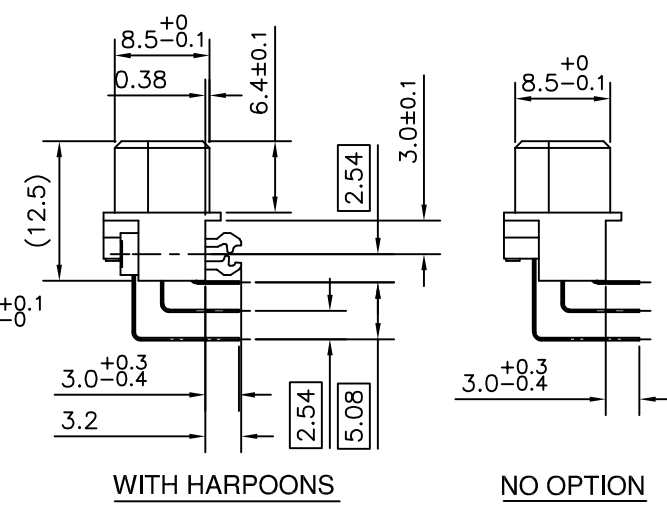
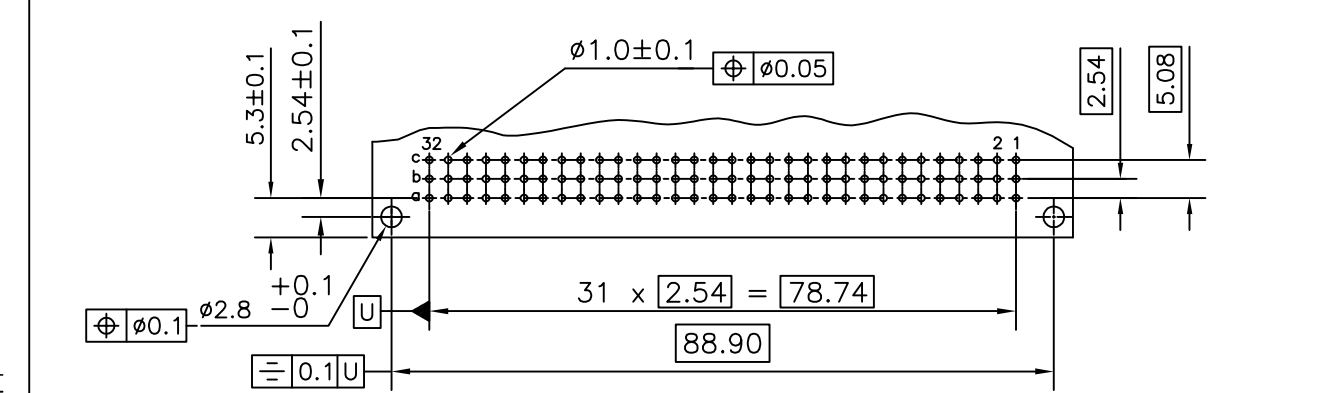
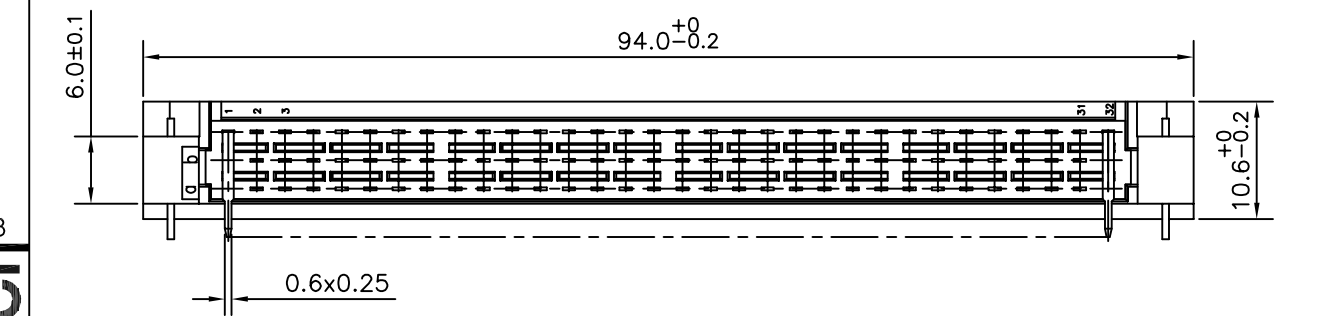
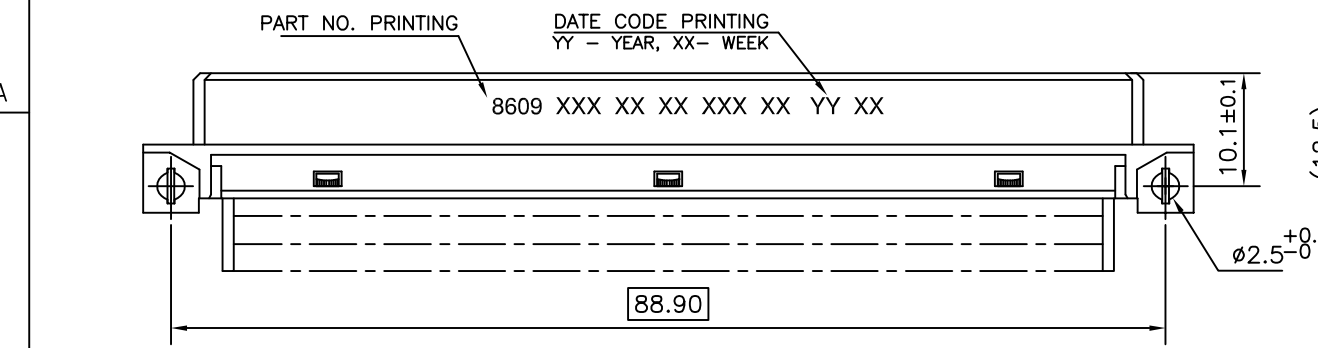
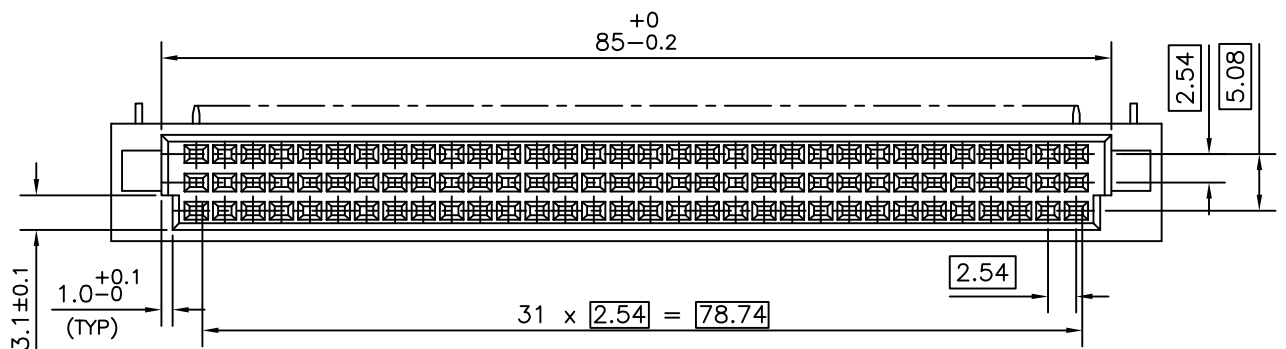
MECHANICAL DATA

INSERTION FORCE PER CONTACT : ≤ 0.94N

EXTRACTION FORCE PER CONTACT : ≥ 0.15N

REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2

SERIES	8609	3	96	8	8	13	B	5	5	F1LF
ROWS FITTED WITH CONTACTS										
Rows a-b	-----		2	64						
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										
REVERSE MOUNTING - STYLE R	-----		8							
TERMINATION										
ANGLED SPILL	-----		13							
OPTIONS										
HIGH TEMPERATURE HOUSING (NATURAL)	-----		B							
HIGH TEMPERATURE HOUSING (NATURAL) WITH HARPOONS	-----		T							
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							
SPECIAL CODE : F1LF	-----HIGH TEMPERATURE INSULATOR, LEADFREE VERSION									



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.

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302 ✓	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	-	MJA	20/04/2021	DIN REVERSE RECEPTACLE
				ANGLED SPILL DIN 41612 STYLE-R
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	A		
	sheet	1		