

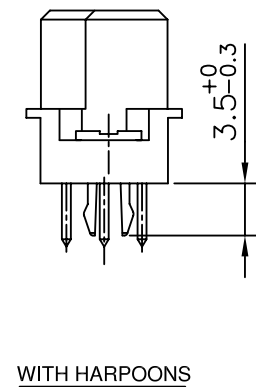
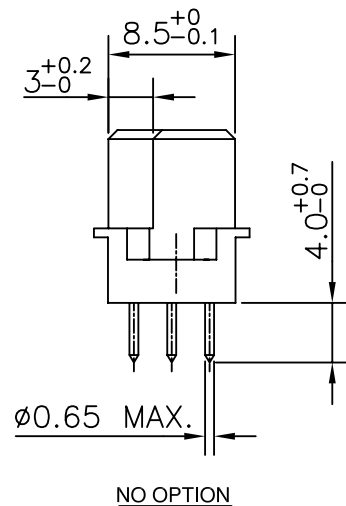
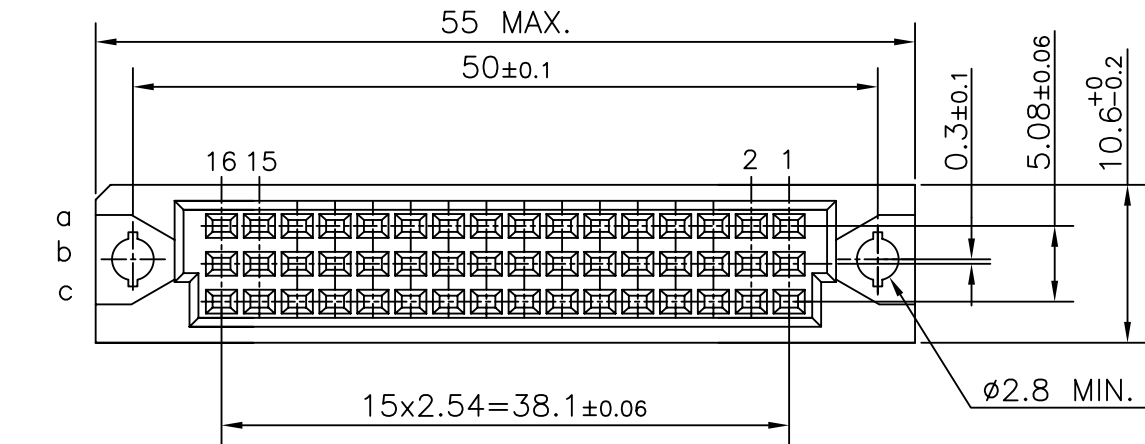
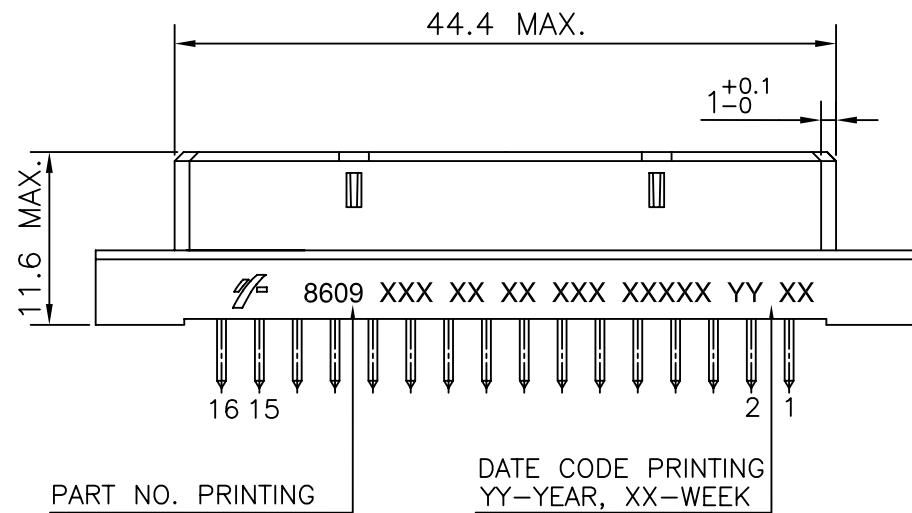
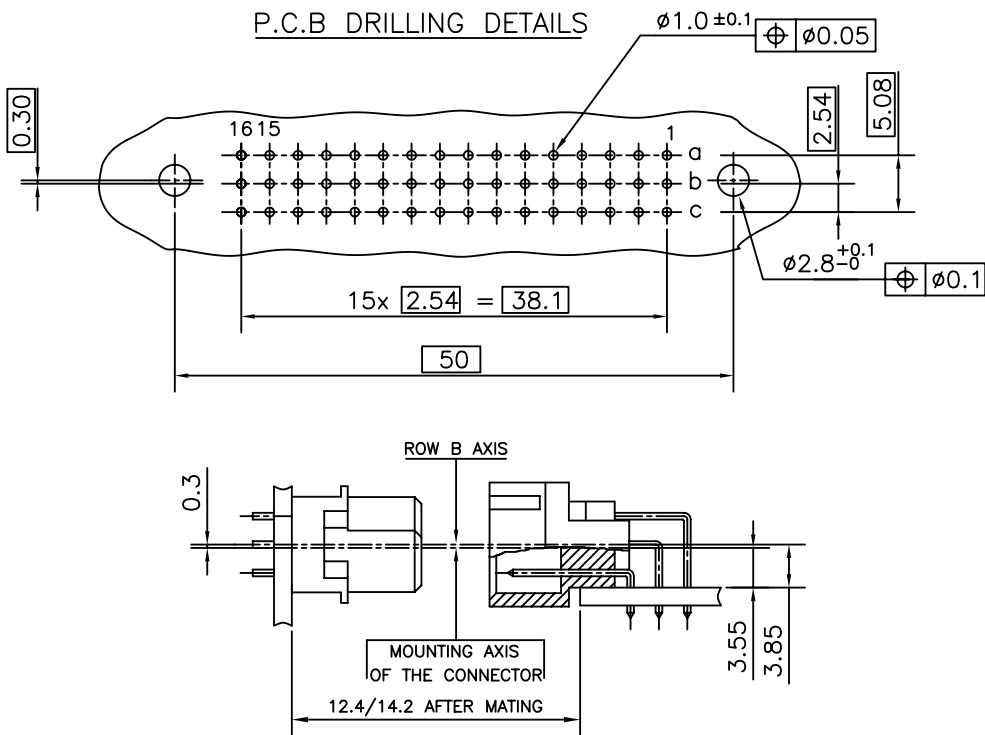


FCIconnect.com

Copyright FCI

form: A3

- NOTES:-
1. THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008
 2. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6 MM MINIMUM THICK CIRCUIT BOARD
 3. LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.



TECHNICAL SPECIFICATION

HOUSING MATERIAL : THERMOPLASTIC POLYESTER 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 ACTIVE ZONE PLATING : GOLD OVER NICKEL

CONTACT TERMINATION ZONE PLATING : SnPb OVER Ni FOR TIN LEAD VERSION

Sn (PURE MATT) OVER Ni FOR LEADFREE VERSION

HARPOON PLATING : SnPb OVER Ni FOR TIN LEAD VERSION

Sn (PURE MATT) OVER Ni FOR LEADFREE VERSION

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 : ≥ 10⁶ 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	24	8	3	14	7	5	0	F13E1
ROWS FITTED WITH CONTACTS										
Rows a b c		3	24							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR				8						
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2					3					
TERMINATION										
LONG STRAIGHT SPILL						14				
OPTIONS										
NO OPTION							7			
WITH HARPOONS								H		
PERFORMANCE CLASS										
DIN 41612 CLASS 3								4		
DIN 41612 CLASS 2								5		
DIN 41612 CLASS 1								6		
AS PER MIL C 55302/ JSS 50808								8		
PITCH PER ROW									0	
2.54										
SPECIAL CODE - TIN LEAD VERSION										F13E1
CONTACTS LOADED IN		a :	1,2,5,6,9,14,15,16							
		b :	1,2,5,6,9,14,15,16							
		c :	1,2,5,6,9,14,15,16							
SPECIAL CODE - LEAD FREE VERSION										NMLF
CONTACTS LOADED IN		a :	1,2,5,6,9,14,15,16							
		b :	1,2,5,6,9,14,15,16							
		c :	1,2,5,6,9,14,15,16							

mat'l. code	surface	tolerance	projection	product family
SEE TECH. SPEC.	ISO 1302 ✓	ISO 406 ISO 1101	mm	8609
ltr	ecn no	dr	date	title
A	I05-0119	MINI	2005-07-18	DIN STANDARD RECEPTACLE
B	I07-0078	KR	2007-06-23	STRAIGHT SPILL DIN 41612 STYLE-C/2
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	B	1	
	sheet			