

TECHNICAL SPECIFICATION

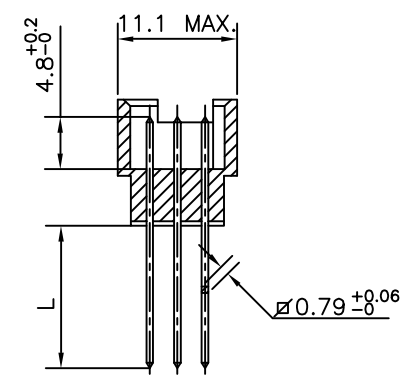
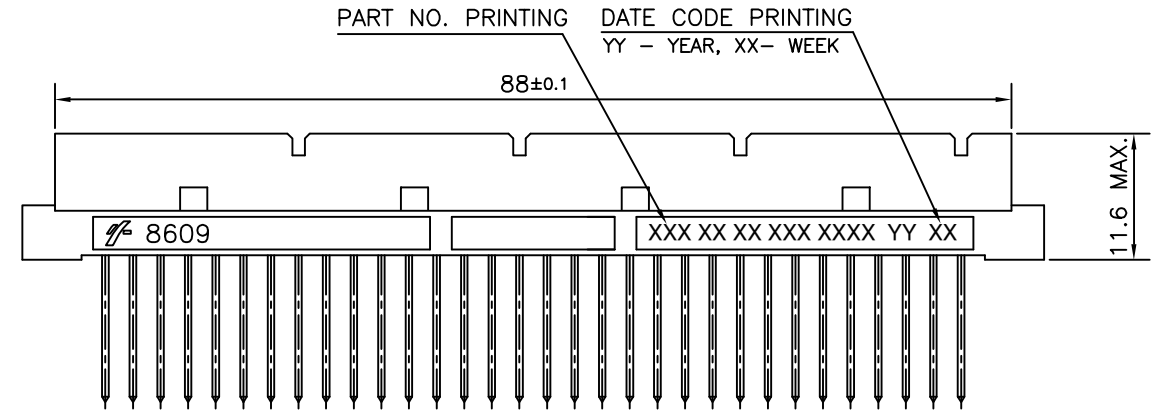
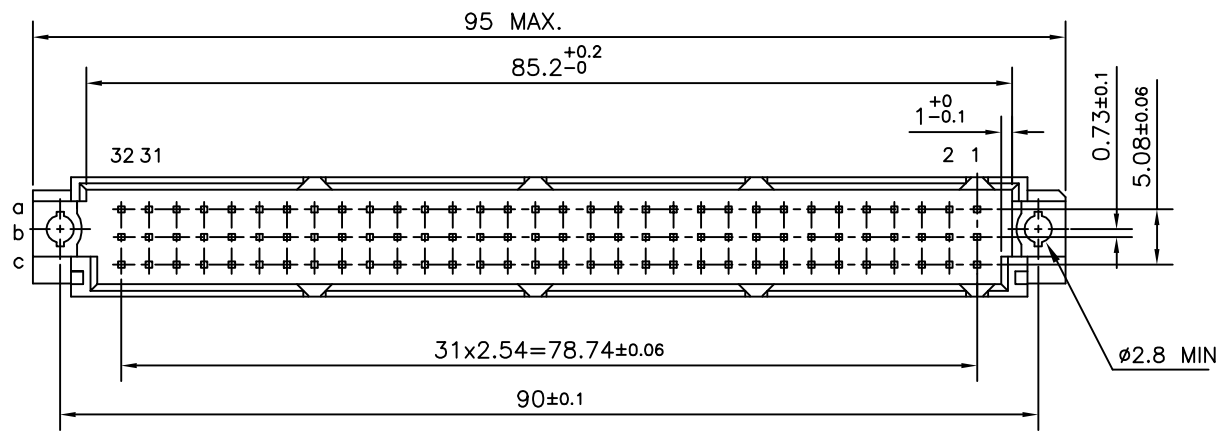
HOUSING MATERIAL : THERMOPLASTIC POLYESTER UL94V0, GREY
 HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR STRAIGHT CONNECTORS AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

CONTACT MATERIAL : COPPER ALLOY
 CONTACT ACTIVE ZONE PLATING : GOLD OVER NICKEL
 CONTACT TERMINATION ZONE PLATING :
 TIN LEAD VERSION : TIN LEAD OVER NICKEL
 LEAD FREE VERSION : TIN (PURE MATTE) OVER Ni

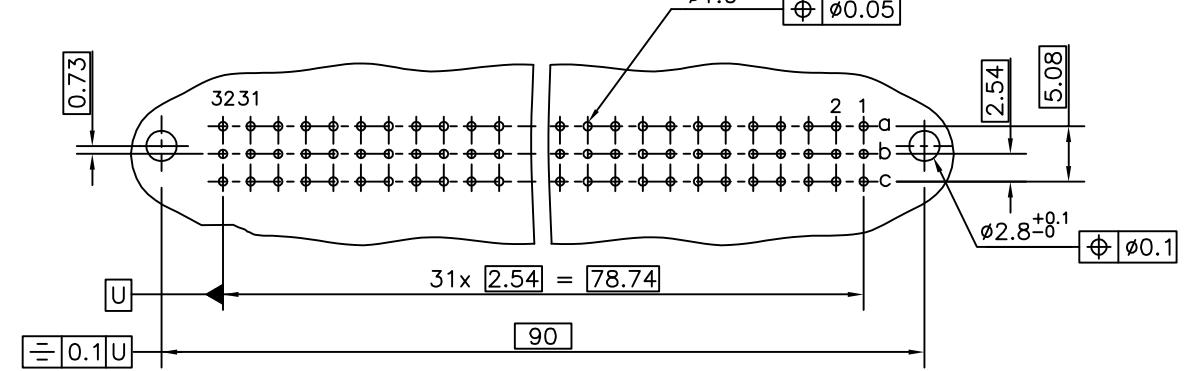
ELECTRICAL DATA
 CURRENT RATING AT 20°C : 1.5 A
 CURRENT (I MAX) : 2 A
 TEMPERATURE RANGE : -55°C/+125°C
 CONTACT RESISTANCE : ≤ 20mΩ
 INSULATION RESISTANCE : ≥ 10⁸ MΩ
 TEST VOLTAGE (rms) : 1000V

MECHANICAL DATA
 INSERTION FORCE PER CONTACT : ≤ 0.94N
 EXTRACTION FORCE PER CONTACT : ≥ 0.15N
 REFERENCE SPECIFICATIONS : NF C 93-429 / IEC 603-2

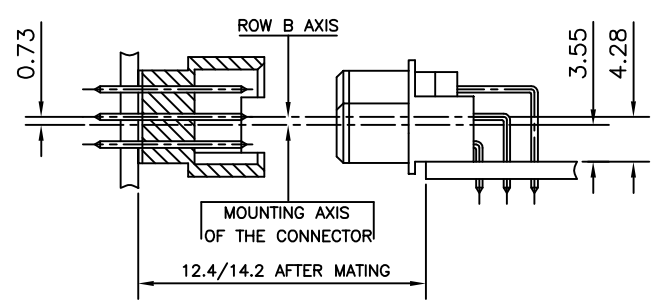
SERIES	8609	3	96	7	9	15	7	5	5	000E
ROWS FITTED WITH CONTACTS										
Rows a b c		3	96							
Rows a - c		4	64							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										7
METHOD OF MOUNTING										
REVERSE MOUNTING - STYLE HE11										9
TERMINATION										
WIRE WRAP (L = 18.2 ^{+0.5} _{-0.2})										25
WIRE WRAP (L = 13.1 ^{+0.5} _{-0.2})										15
OPTIONS										
NO OPTION										7
PERFORMANCE CLASS										
NF C 93-429 CLASS 3										4
NF C 93-429 CLASS 2										5
NF C 93-429 CLASS 1										6
AS PER MIL C 55302/ JSS 50808										8
PITCH PER ROW										
2.54										5
000E										TIN LEAD VERSION
ELF										LEAD FREE VERSION



P.C.B DRILLING DETAILS



25	18.2 ^{+0.5} _{-0.2}
15	13.1 ^{+0.5} _{-0.2}
TERM. STYLE	L



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.

mat'l. code		surface		tolerance		projection		product family	
-		ISO 1302		ISO 406 ISO 1101		mm		8609	
ltr		ecn no		dr		date		title	
A		I04-0063		MINI		17/09/2004		HE11 REVERSE HEADER	
B		I05-0089		MINI		19/05/2005		WIRE WRAP NF C 93-429	
C		I05-0174		MINI		27/09/2005			
D		I06-0061		MINI		31/05/2006			
sheet index		revision sheet		D				dwg no	
1		1		1				sheet 1 of 1	
								size	
								A3	
								type	
								Product Customer Drawing	



Copyright FCI