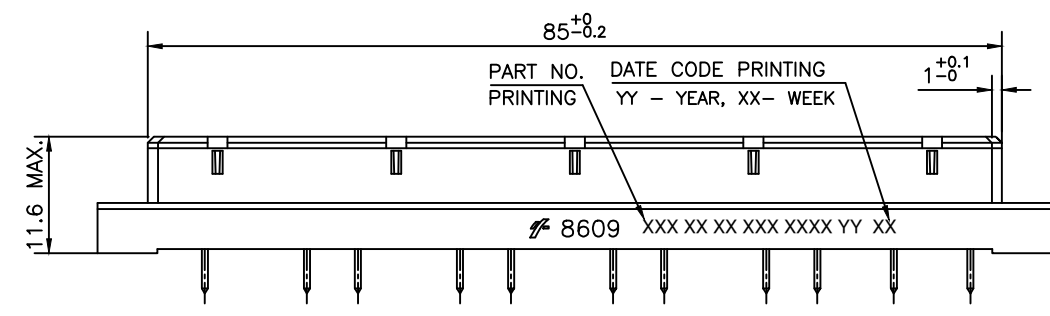
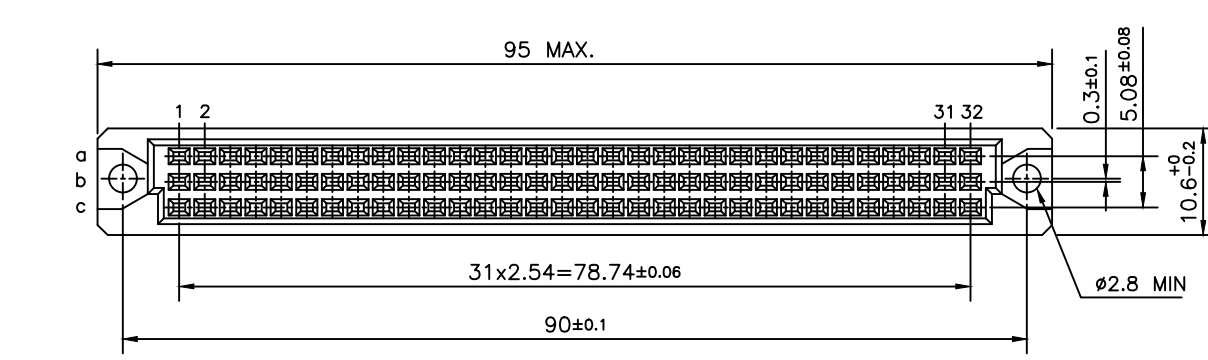
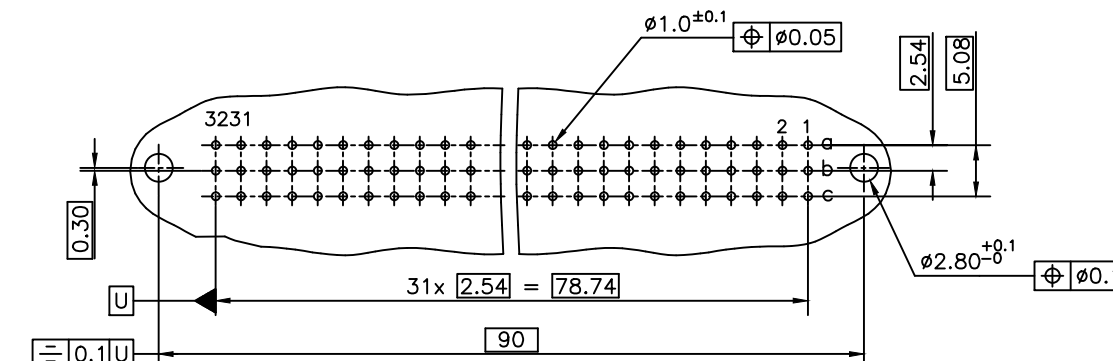




P.C.B DRILLING DETAILS



CONTACT ARRANGEMENT

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
a	☒					☒		☒				☒	☒					☒		☒					☒	☒					☒	☒
b	☒					☒		☒				☒	☒					☒		☒					☒	☒					☒	☒
c	☒					☒		☒				☒	☒					☒		☒					☒	☒					☒	☒
	☒	STANDARD CONTACT					☐	EMPTY CAVITY					☒	FMLB CONTACT					☒	LMEB CONTACT												

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 250-265°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 :
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 : ≥ 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	4	22	8	1	14	7	5	0	NELF
ROWS FITTED WITH CONTACTS		4	22							
Rows a - c		4	22							
NUMBER OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C										
TERMINATION										
SHORT STRAIGHT SPILL (L = SEE TABLE)										
LONG STRAIGHT SPILL (L = SEE TABLE)										
OPTIONS										
NO OPTION										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302/ JSS 50808										
PITCH PER ROW										
MIXED PITCH										
LEAD FREE VERSION, FOR SPECIAL LOADING OF CONTACTS SEE CONTACT ARRANGEMENT										

mat'l. code	surface	tolerance	projection	product family
-	ISO 1302	ISO 406 ISO 1101		DIN 8609
ltr	ecn no	dr	date	title
A	I11-0046	MJA	2011-01-04	DIN STANDARD RECEPTACLE
-	-	-	-	STRAIGHT DIN 41612 STYLE-C
-	-	-	-	dwg no
-	-	-	-	sheet 1 of 1
-	-	-	-	size
-	-	-	-	A3
-	-	-	-	type
-	-	-	-	Product Customer Drawing
sheet index	revision	A	1	
sheet	sheet	1		

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