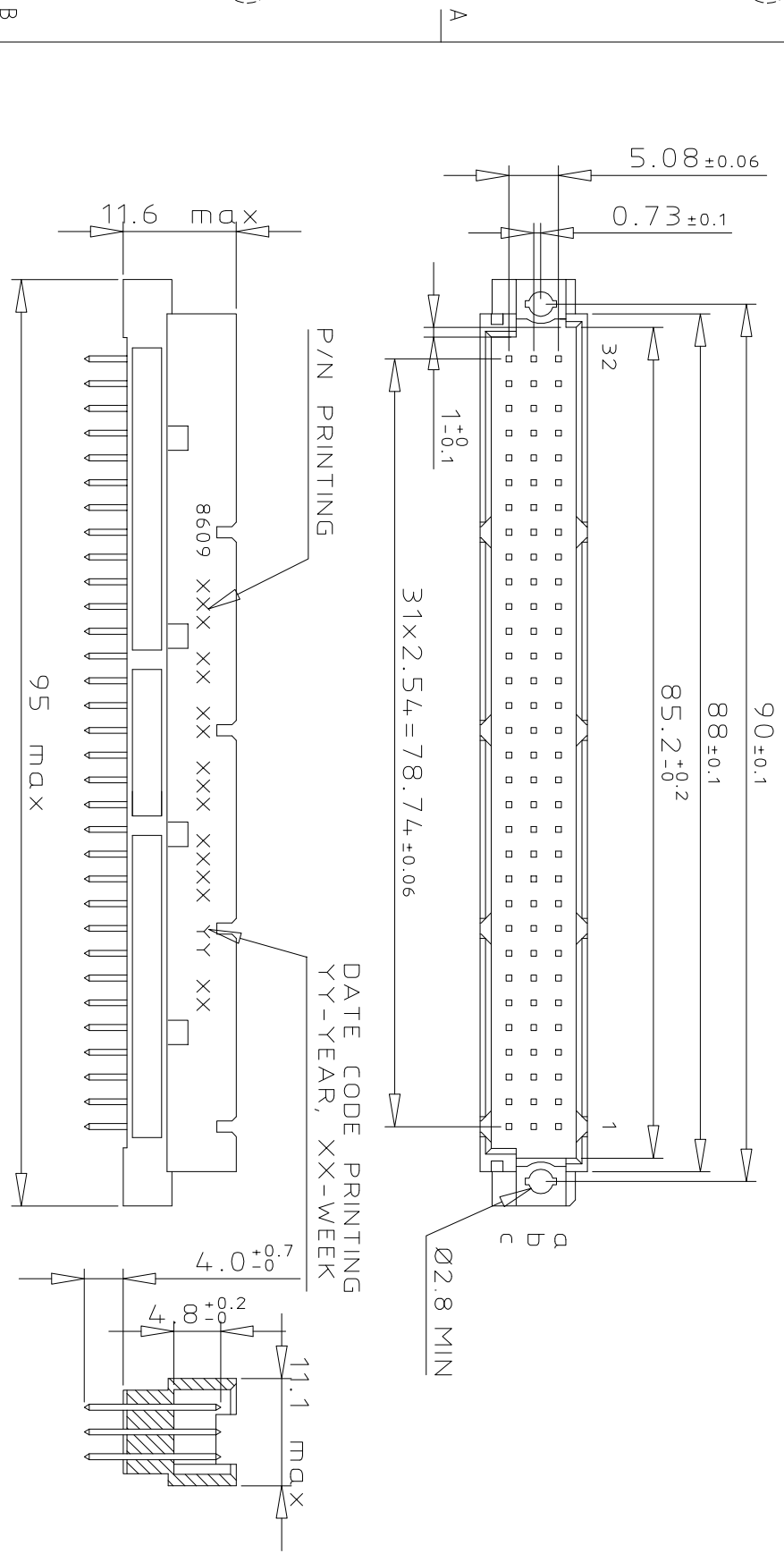
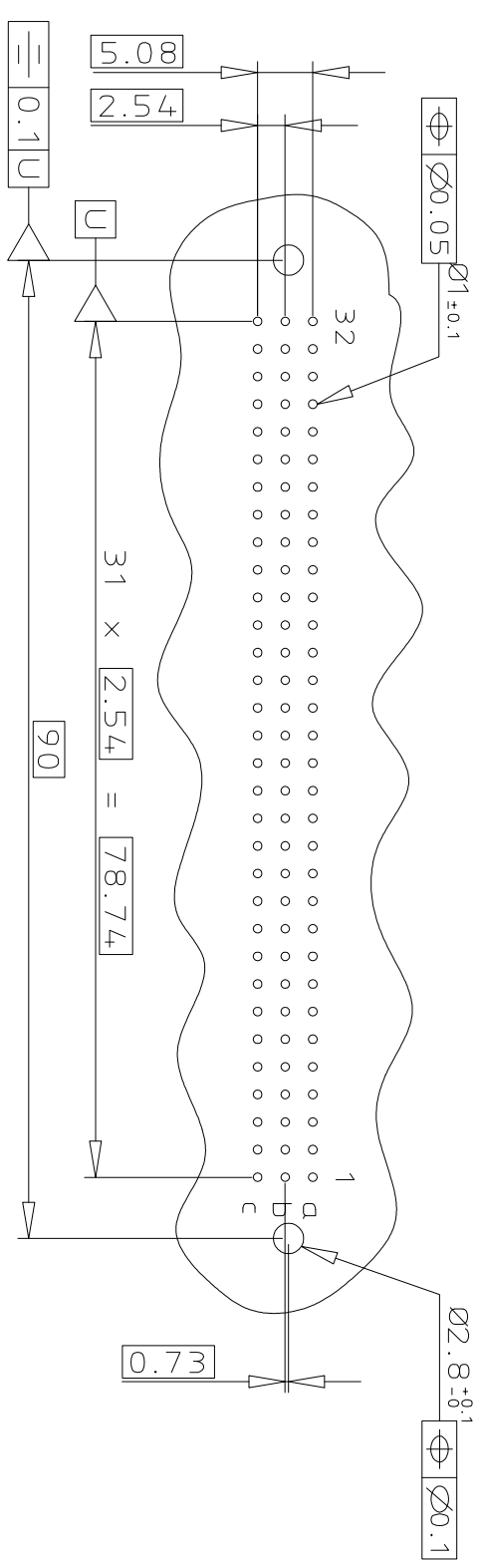


DIMENSIONS



PCB LAYOUT



TECHNICAL SPECIFICATION

GENERAL DATA	
HOUSING MATERIAL	THERMOPLASTIC POLYESTER UL-94-V0 GRAY
CONTACT MATERIAL	COPPER ALLOY
ACTIVE ZONE CONTACT FINISH	AU OVER NI
TERMINATION ZONE CONTACT FINISH	Sn (PURE MAT'T) OVER NI
ELECTRICAL DATA	
CURRENT RATING	1.5A AT 20°C
TEMPERATURE RANGE	-55°C TO +125°C
CONTACT RESISTANCE	≤20mΩ
INSULATION RESISTANCE	≥1,000,000MΩ
TEST VOLTAGE (RMS)	1000V
MECHANICAL DATA	
INSERTION FORCE PER CONTACT	≤0.94N
EXTRACTION FORCE PER CONTACT	≥0.15N
REFERENCE SPECIFICATION	NFC 93-429 OR IEC 603-2

ORDERING INFORMATION

SERIES	8609	3	96	7	9	14	7	4	5	ELF
ROWS FITTED WITH CONTACTS										
ROW a b c			3							96
ROW a - c			4							64
NO. OF CONTACTS										
TYPE OF INSULATOR										
3 ROW MALE INSULATOR										7
METHOD OF MOUNTING										
REVERSE MOUNTING - STYLE HE11										9
TERMINATION										
STRAIGHT SPILL										14
OPTIONS										
NO OPTION										7
PERFORMANCE CLASS										
NFC 93-429 CLASS 3										4
NFC 93-429 CLASS 2										5
NFC 93-429 CLASS 1										6
AS PER MIL C 55302 / JSS 50808										8
PITCH PER ROW										5
2.54 mm										5
LEAD FREE VERSION										ELF

ROHS INFORMATION

- LEAD FREE OR ROHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 3.5 SECONDS IN WAVE SOLDER APPLICATION WITH A 16mm MINIMUM THICK CIRCUIT BOARD.
- THE "LF" PRODUCTS MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING CAN WITHSTAND EXPOSURE TO LEAD FREE WAVE SOLDERING TEMPERATURE OF 260-265°C FOR THE STRAIGHT CONNECTORS, AS IT IS IN CLASSICAL LEAD WAVE SOLDERING AT 235-250°C

mat'l. code	surface	tolerance	projection	product family					
SEE TECHNICAL SPECIFICATION	ISO 1302	ISO 406 ISO 1101		8609					
tr	ecn	nd	dr	ddte	tolerances unless otherwise specified	angles	linear	mm	title
A	104-0063	MINI	2004-09-17		0.X	±0.1			HE11 REVERSE HEADER
B	105-0089	MINI	2005-05-19		0.XX	±0.1			STRAIGHT SPILL NFC 93-429
C	105-0174	MINI	2005-09-27	0°±2°	0.XXX	±0.1	SCALE 3:2		
D	106-0062	MINI	2006-08-01						dwg no
E	108-0146	KR	2008-10-21	engr					sheet 1 of 1 size
				chr					C-8609-2011
				appr					A3
sheet index	revision								type Product Customer Drawing
	E	1							

