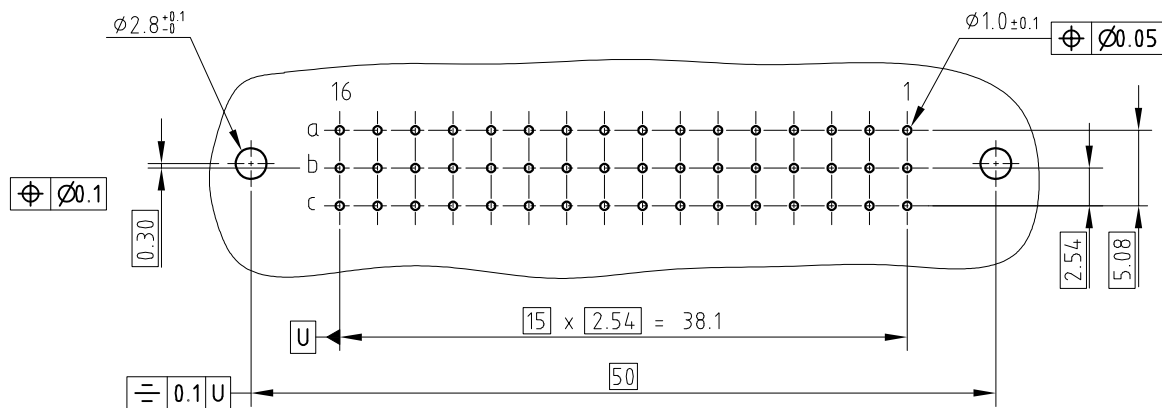
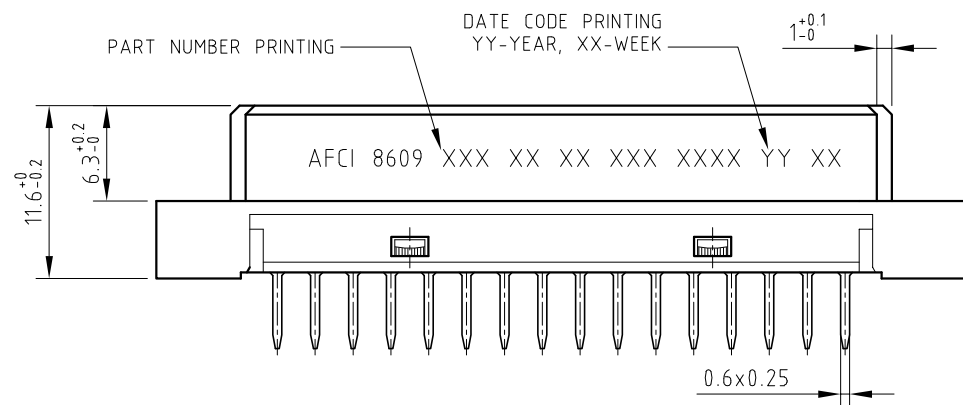
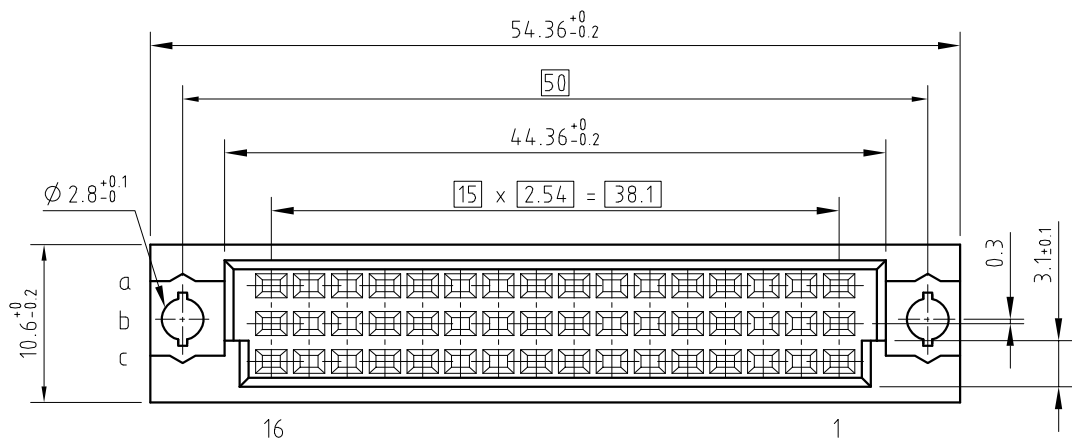
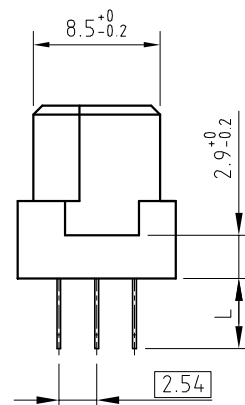
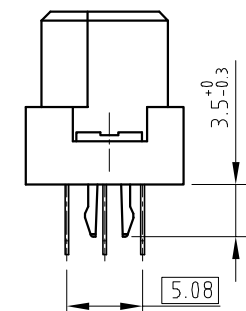




PCB DRILLING DETAILS



NO OPTION



WITH HARPOONS

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 & HARPOON MATERIAL	:	COPPER ALLOY
CONTACT PLATING		
ACTIVE ZONE	:	Au / GXT™ OVER Ni
TERMINATION ZONE	:	Sn (PURE MATT) OVER Ni
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	15 A
CURRENT (I MAX)	:	2 A
TEMPERATURE RANGE	:	-55°C TO +125°C
CONTACT RESISTANCE	:	≤ 20 mΩ
INSULATION RESISTANCE	:	≥ 10 ⁶ MΩ
TEST VOLTAGE (rms)	:	1000 V

MECHANICAL DATA

INSERTION FORCE PER CONTACT	:	≤ 0.94 N
EXTRACTION FORCE PER CONTACT	:	≥ 0.15 N
REFERENCE SPECIFICATION	:	DIN 41612 / IEC 603-2

SERIES	8609	3	48	8	3	14	7	5	5	V1LF
ROWS FITTED WITH CONTACTS										
ROW a b c		3	48							
ROW a - c		4	32							
NO. OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										8
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										3
TERMINATION										
STRAIGHT SPILL LONG, L = 4.0+0.7/-0										14
STRAIGHT SPILL SHORT, L = 2.5+0.7/-0										24
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										
2.54 mm										5
LEAD FREE VERSION										V1LF

- 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
SEE TECH. SPEC.	ISO 1302	ISO 406 ISO 1101		8609
ltr	ecn no	dr	date	title
A	I08-0171	KR	2008-12-19	DIN STANDARD RECEPTACLE
B	ELX-I-010167	MJA	2012-02-02	STRAIGHT SPILL DIN 41612 STYLE C/2
C	ELX-I-30157	MJA	2018-05-11	
				dwg no
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision sheet	C	1	