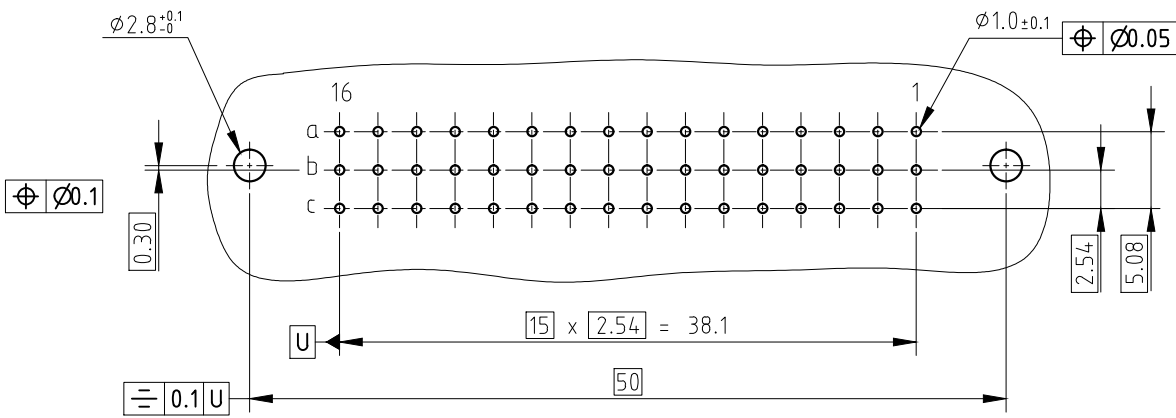
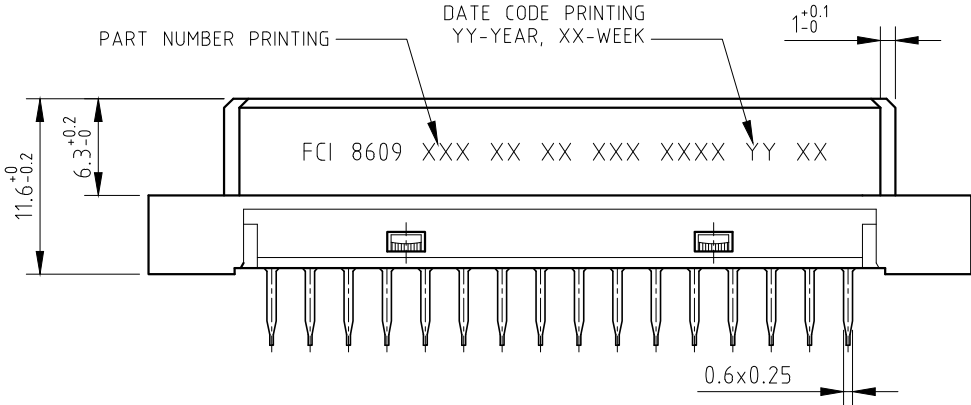
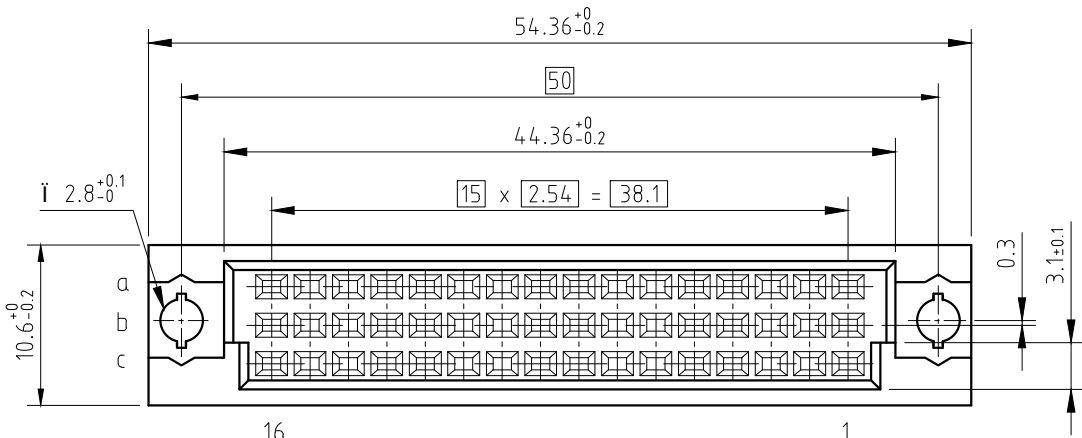


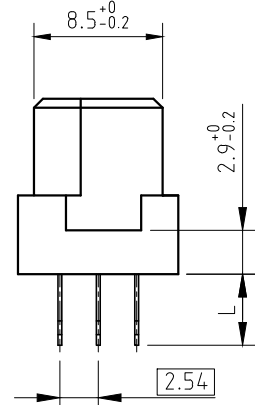


FCIconnect.com

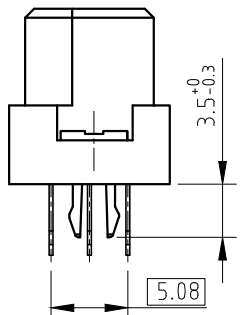
Copyright FCI



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 OVER Ni
TERMINATION ZONE	:	Sn (PURE MATT) OVER Ni
HARPOON PLATING	:	Sn (PURE MATT) OVER Ni

ELECTRICAL DATA

CURRENT RATING AT 20°C	:	1.5 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										14
STRAIGHT SPILL SHORT, L = 2.5±0.7										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-22-008.
 - 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.
 - LEAD FREE OR RoHS DIRECTIVE LABELING TO BE PROVIDED AS PER GS-14-920 FOR LEAD FREE VERSION.

mat'l. code	SEE TECH. SPEC.	surface	ISO 1302	tolerance	ISO 406	ISO 1101	projection	product family	8609
ltr	ecn no	dr	date	tolerances unless	otherwise specified			title	
A	I08-0171	KR	2008-12-19	angles	linear	.0±.1	mm	DIN STANDARD RECEPTACLE	
B	ELX-I-010167	MJA	2012-02-02	0°±1°			scale 2:1	STRAIGHT SPILL DIN 41612 STYLE C/2	
				dr	KESAVAN R	2008-04-15		dwg no	sheet 1 of 1
				enrg	KESAVAN R	2008-04-15		C-8609-2140	A3
				chr	KESAVAN R	2008-04-15		type	Product Customer Drawing
				appd	BIJU K PAUL	2008-04-15			
sheet index	revision sheet	B	1						