

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)
[86094168314758V1LF](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

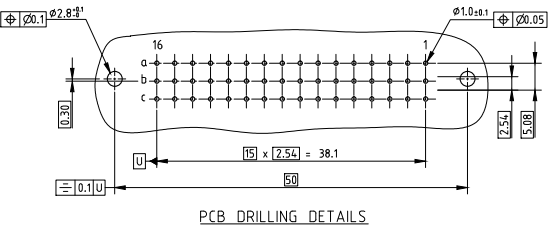
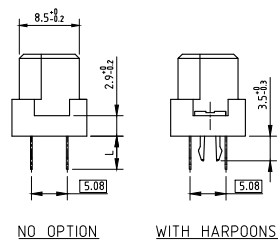
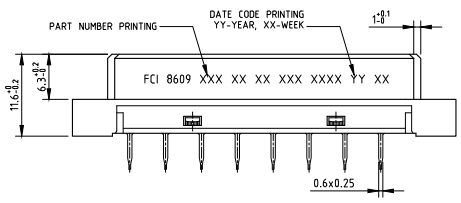
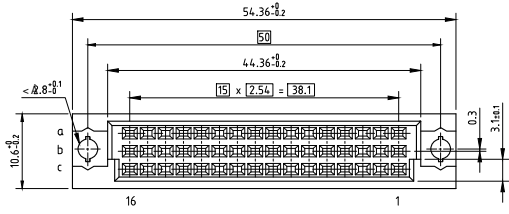
TECHNICAL SPECIFICATION

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 & HARPON MATERIAL :	COPPER ALLOY
CONTACT PLATING	
ACTIVE ZONE :	Au OVER Ni
TERMINATION ZONE :	Sn (PURE MATI) OVER Ni
HARPON PLATING :	Sn (PURE MATI) OVER Ni
ELECTRICAL DATA	
CURRENT RATING AT 20°C :	1.5 A
CURRENT @ MAXI :	2 A
TEMPERATURE RANGE :	-55°C TO +125°C
CONTACT RESISTANCE :	≤ 20 mΩ
INSULATION RESISTANCE :	≥ 10 ¹⁰ 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	4	16	8	3	14	7	5	8	V1LF
ROWS FITTED WITH CONTACTS										
ROW a - c										
NO. OF CONTACTS										
TYPE OF INSULATOR										
3 ROW FEMALE INSULATOR										
METHOD OF MOUNTING										
STANDARD MOUNTING - STYLE C/2										
TERMINATION										
STRAIGHT SPILL LONG, L = 4.0 ^{+0.7}										
STRAIGHT SPILL SHORT, L = 2.5 ^{+0.7}										
OPTIONS										
NO OPTION WITH HARPOONS										
PERFORMANCE CLASS										
DIN 41612 CLASS 3										
DIN 41612 CLASS 2										
DIN 41612 CLASS 1										
AS PER MIL C 55302 / JSS 50800										
PITCH PER ROW										
5.08 mm										
LEAD FREE VERSION	V1LF									



CONTACT ARRANGEMENT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

STANDARD CONTACT EMPTY CAVITY PHLB CONTACT LMB 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.

mat'l. code	surface	tolerance	projection	product family
SEE TECH. SPEC.	ISO 1302	ISO 406 ISO 1101	mm	8609
tolerances unless otherwise specified	angles	linear	scale 2:1	title
A	IT1-0040	MJA	2011-02-23	DIN STANDARD RECEPTACLE
				STRAIGHT SPILL DIN 41612 STYLE C/2
				dwg no
				C-8609-2159
				sheet 1 of 1
				size
				A3
				type
				Product Customer Drawing
sheet index	revision	A		
	sheet	1		