

## Excellent Integrated System Limited

Stocking Distributor

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

[FCI](#)  
[86092646114755V1LF](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**TECHNICAL SPECIFICATION**

**HOUSING MATERIAL** : THERMOPLASTIC POLYESTER UL 94 V-0, 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 MATERIAL** : COPPER ALLOY

**CONTACT PLATING** : GOLD OVER NICKEL

**ACTIVE ZONE** : GOLD OVER NICKEL

**TERMINATION ZONE** : TIN (PURE MATTE) OVER Ni

**LEAD FREE VERSION** : TIN (PURE MATTE) OVER Ni

**ELECTRICAL DATA**

**CURRENT RATING AT 20°C** : 1.5 A  
 : 2 A

**CURRENT (I MAX)** : 2 A

**TEMPERATURE RANGE** : -55°C/ +125°C

**CONTACT RESISTANCE** : ≤ 20mΩ

**INSULATION RESISTANCE** : ≥ 10<sup>10</sup> MΩ

**TEST VOLTAGE (rms)** : 1000V

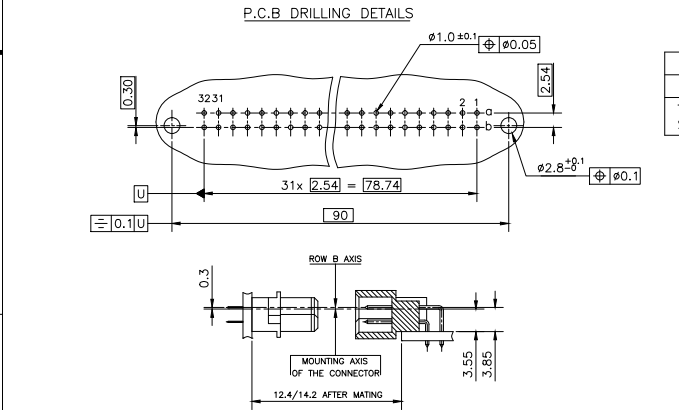
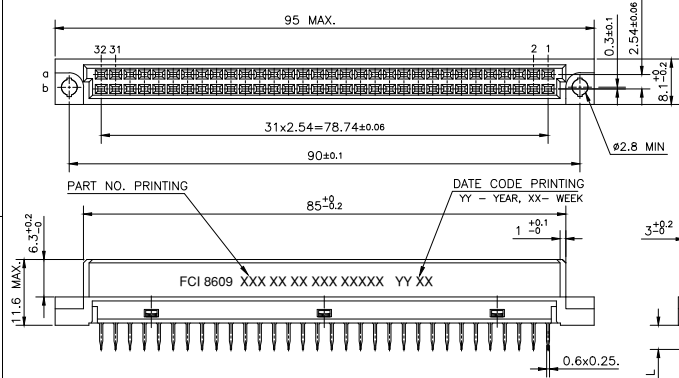
**MECHANICAL DATA**

**INSERTION FORCE PER CONTACT** : ≤ 0.94N

**EXTRACTION FORCE PER CONTACT** : ≥ 0.15N

**REFERENCE SPECIFICATIONS : DIN 41612 / IEC 603-2**

SERIES	8609	2	64	6	1	24	7	5	V1LF
ROWS FITTED WITH CONTACTS									
Rows a b									
Rows c									
NUMBER OF CONTACTS									
TYPE OF INSULATOR									
2 ROW FEMALE INSULATOR									
METHOD OF MOUNTING									
STANDARD MOUNTING - STYLE B									
TERMINATION									
LONG STRAIGHT SPILL (L - SEE TABLE)									
SHORT STRAIGHT SPILL (L - SEE TABLE)									
OPTIONS									
NO OPTION									
WITH HARPOONS									
PERFORMANCE CLASS									
4 - DIN 41612 CLASS 3									
5 - DIN 41612 CLASS 2									
6 - DIN 41612 CLASS 1									
8 - AS PER MIL C 55302/JSS 50808									
PITCH PER ROW									
2.54									
V1LF									LEAD FREE VERSION



**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
-	ISO 1302	ISO 406 ISO 1101	mm	8609
ltr	ecn	no	dr	date
-	-	-	-	2012-10-10
tolerances unless otherwise specified				DIN STANDARD RECEPTACLE STRAIGHT SPILL DIN 41612 STYLE-B
A	-	MJA	2012-05-22	
-	-	-	-	2012-05-22
-	-	-	-	2012-05-22
angles linear				scale
σ±1'				
dr				sheet 1 of 1 size
M JACOB				
enrg				A3
M JACOB				
chr				type Product Customer Drawing
M JACOB				
appd				
BUJ K PAUL				
sheet index	revision sheet	A	1	

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