



SERIES B57



FEATURES

UL Approved
Can be used with 0.062 (1.57), 0.093 (2.36) or 0.125 (3.18) board thickness
Available in 50 and 64 positions
Variety of mounting options available
Intermateable with comparable series connectors
Applications include data control systems, telecom interconnect and electronic instrumentation

SPECIFICATIONS

Insulator Material: glass filled thermoplastic 94V-0
Colour: Blue
Contact: copper alloy, phosphor bronze (press fit)
Contact Plating: gold plated on contact area, tin on tail over nickel
Shell Material: Nickel-plated steel
Current Rating: 5 AC/DC amps continuous. Is not "hot swappable"
Dielectric Withstanding Voltage: 1200 VAC rms
Insulation Resistance: 1000 megohms minimum at 500 V DC operating voltage 250 VAC
Contact Resistance: 30 milliohms maximum
Operating Temperature: -55 to +105 degrees C

Example Part Number B57 - 0 50 - 2 20 - 2 0 2

Series _____
Connector Style _____
Total Number Contacts _____
Contact Finish _____
Contact Style _____
Mounting Options _____
Shielding _____
Contact Arrangement _____

Series		B57
Connector Style		
0		Receptacle
1		Plug
Total Number Contacts		
50 or 64		
Contact Finish		
2		Gold Flash, gold plated (2u" min. thickness)
5		15u" Gold
6		30u" Gold
Contact Style		
20		Vertical Press Fit
21		Vertical PCB
29		Flat Cable Termination
60		Right Angle PCB (.187 tail length)
61		Right Angle PCB (.100 tail length)
62		Right Angle PCB (.125 tail length)
Mounting Options		
A		4-40 Standoff on position 1 and J-hook on position 25
2		4-40 Threaded insert / .120 dia. Hole
3		4-40 Threaded insert / 4-40 threaded Hole
4		.120 dia. Hole / .120 dia. Hole
5		4-40 Threaded insert / boardlocks
6		4-40 Threaded insert / boardlocks / latch
7		.120 dia Insert / 4-40 threaded Hole
8		4-40 Hex standoff / boardlocks
(the above holes panel mount first)		
Shielding		
0		Metal Shell
1		All Plastic
Contact Arrangement		
1		Latch
2		Two Rows of Contacts

Mouser Electronics

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EDAC:

[B57-250-106-115](#) [B57-120-221-202](#)