



## SERIES B57



### FEATURES

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