



## 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