



# B57 SERIES

## Centronics Connector



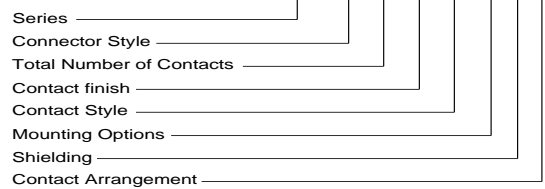
### FEATURES:

- Can be used with 0.062" (1.57mm), 0.093" (2.36mm) or 0.125" (3.125mm) 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
- Mounting Posts Provide Positive Location and Retention
- UL Approved
- RoHS Compliant

### Specifications:

Insulator Material	Glass filled thermoplastic UL 94V-0, Color: Blue
Contact Material	Copper Alloy
Contact Plating	Gold Plating on contact area and Tin Plating on tails with Nickel underplating all over
Shell Material	Steel - Nickel Plated
Current Rating	5 Amps AC/DC Continuous. Is not "hot swappable"
Contact Resistance	30 milliohms maximum
Withstand Voltage	1200 VAC rms
Insulation Resistance	1000 Megaohms minimum at 500 V DC, operating voltage 250 VAC
Operating Temperature	-40°C to +105°C

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



### MOUNTING OPTIONS

- |   |   |
|---|---|
| A | 4-40 standoff on pos. 1 & J-hook on pos. 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              |

### SERIES

B57

### CONNECTOR STYLE

- |   |            |
|---|------------|
| 0 | Receptacle |
| 1 | Plug       |

### SHIELDING

- |   |             |
|---|-------------|
| 0 | Metal Shell |
|---|-------------|

### TOTAL # OF CONTACTS

50 or 64

### CONTACT ARRANGEMENT

- |   |       |
|---|-------|
| 1 | Latch |
|---|-------|

### CONTACT FINISH

- |   |                                 |
|---|---------------------------------|
| 2 | Gold flash (2µ" min. thickness) |
| 5 | 15µ" Gold                       |
| 6 | 30µ" 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) |

### EXPLODED HARDWARE ASSEMBLY

