



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

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

SERIES

B57

CONNECTOR STYLE

0 Receptacle
1 Plug

TOTAL # OF CONTACTS

50 or 64

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)

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

SHIELDING

0 Metal Shell

CONTACT ARRANGEMENT

1 Latch

EXPLODED HARDWARE ASSEMBLY

