



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	B57
Connector Style	0
Total Number of Contacts	50
Contact finish	2
Contact Style	20
Mounting Options	2
Shielding	0
Contact Arrangement	2

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

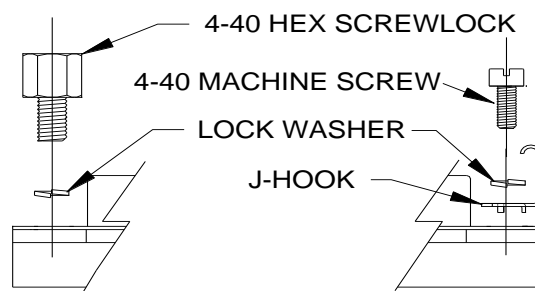
SHIELDING

0	Metal Shell
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CONTACT ARRANGEMENT

1	Latch
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EXPLODED HARDWARE ASSEMBLY



Mouser Electronics

Authorized Distributor

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[B57-050-620-402](#) [B57-050-662-702](#) [B57-250-106-115](#) [B57-120-221-202](#) [B57-050-260-202](#)