

Winchester Electronics Presents...

PC Series Power Connectors



Winchester Electronics' PC series Power Connectors are designed for board-to-board, mid-range power interconnections. They are available in 8, 12, and 30 positions. Contacts are offered with Winchester's high reliability C-Press® terminations, right-angle and straight solder tail versions.

Want to Get Rid of Solder?

If you are changing from solder tail to press fit, we have two diameter hole sizes in our C-Press® contacts, so you don't have to change your PC board hole sizes.

Materials

Insulator:
Contacts:

Polybutylene Terephthalate (PBT) UL V-O rated
Machined Copper Alloy with gold over nickel
plating.

Solder coated terminations and other plating
available.

Snap Mount Bracket:

Brass with Tin/Lead over Nickel

Electrical Characteristic

Contact Current Rating:

26 amps maximum, derated
per IEC-512-3 Test 5A & 5B

Insulation Resistance:

5000 Megohms min

Dielectric Withstanding Voltage:

2000 VAC (at sea level)

Operating Temperature Range:

-55°C to +125°C

Mechanical Characteristics

Max Insertion Force:

45 lbs per contact

Min Retention Force:

8 lbs per contact

Max Engagement/Separation Force:

1 lb per contact