

INTRODUCTION:

Adam Tech DJ Series Circular DIN Jacks continue to be a popular interface for many applications. They are especially suitable for applications that require reliable transfer of low level signals. Available in a wide selection of positions they feature a choice of an all plastic body or a plastic body with metal face shield. Mounting selections include Right Angle or Vertical PCB mount and Panel Mount with or without mounting flange. Adam Tech DJ series jacks features an exclusive high reliability contact design which utilizes a dual wipe, extended fork contact. The jacks overall contact area is increased primarily in the mating area which helps maintain a constant contact pressure for superior electrical performance.

FEATURES:

Wide range of styles
Offered in 3 thru 13 positions
Standard and shielded versions available
Excellent for Low Level signal applications

MATING PLUGS:

All industry standard circular DIN plugs.

SPECIFICATIONS:

Material:

Standard insulator: PBT glass filled, rated UL94V-0
Optional Hi-Temp insulator: Nylon 6T, rated UL94V-0
Insulator Color: Black

Contacts: Brass

Shield: Copper Alloy, Bright Nickel plated

Contact Plating:

Tin over Copper underplate overall

Electrical:

Operating voltage: 20V DC max.

Current rating: 2 Amps max

Contact resistance: 20 mΩ max. initial

Insulation resistance: 500 MΩ min.

Dielectric withstanding voltage: 1000V AC for 1 minute

Mechanical:

Insertion force: 15 lb max.

Withdrawal force: 0.8 lb min

Mating durability: 5000 cycles min.

Temperature Rating:

Operating temperature: -25°C to +100°C

Soldering process temperature:

Standard insulator: 235°C

Hi-Temp insulator: 260°C

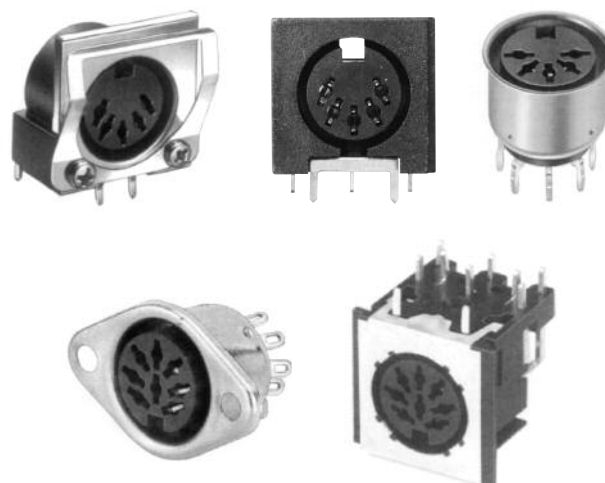
PACKAGING:

Anti-ESD plastic trays

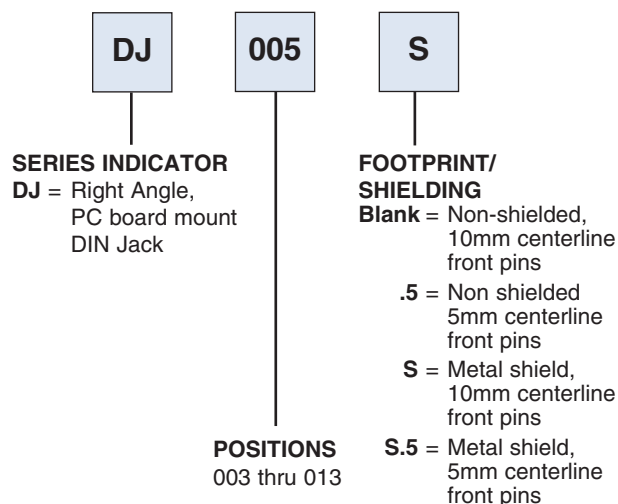
APPROVALS AND CERTIFICATIONS:

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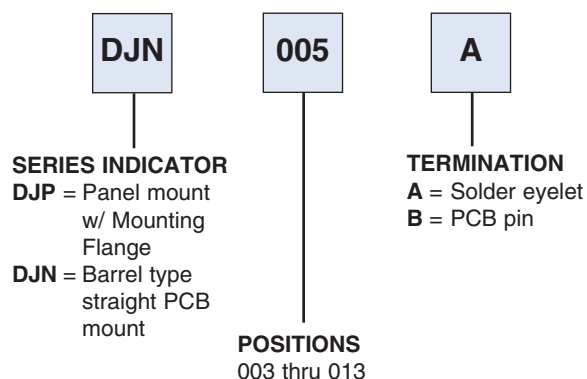
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ORDERING INFORMATION RIGHT ANGLE PC BOARD MOUNT



STRAIGHT PC BOARD MOUNT AND PANEL MOUNT VERSIONS



OPTIONS:

Add designator(s) to end of part number

HT = Hi-Temp insulator for Hi-Temp soldering processes up to 260°C