ADAM TECH

Adam Technologies, Inc.

CIRCULAR DIN JACKS

PC BOARD AND PANEL MOUNT

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

Contact resistance: 20 m Ω max. initial Insulation resistance: 500 M Ω 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: -55°C to +85°C

Soldering process temperature: Standard insulator: 235°C Hi-Temp insulator: 260°C

PACKAGING:

Anti-ESD plastic trays

APPROVALS AND CERTIFICATIONS:

UL Recognized & CSA Certified, File no. E224053

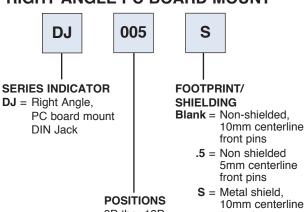








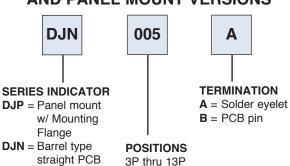
ORDERING INFORMATION RIGHT ANGLE PC BOARD MOUNT



3P thru 13P shown as shown as 003 thru 013 10mm centerline front pins shown as 5.5 = Metal shield, 5mm centerline

front pins

STRAIGHT PC BOARD MOUNT AND PANEL MOUNT VERSIONS



shown as 003 thru 013

mount



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RIGHT ANGLE PCB MOUNT DJ SERIES

