

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: -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



CIRCULAR DIN JACKS

PC BOARD AND PANEL MOUNT

DJ SERIES



ORDERING INFORMATION

RIGHT ANGLE PC BOARD MOUNT

DJ	005	S
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SERIES INDICATOR

DJ = Right Angle,
 PC board mount
 DIN Jack

FOOTPRINT/ SHIELDING

Blank = Non-shielded,
 10mm centerline
 front pins

.5 = Non shielded
 5mm centerline
 front pins

S = Metal shield,
 10mm centerline
 front pins

S.5 = Metal shield,
 5mm centerline
 front pins

POSITIONS

3P thru 13P
 shown as
 003 thru 013

STRAIGHT PC BOARD MOUNT

AND PANEL MOUNT VERSIONS

DJN	005	A
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SERIES INDICATOR

DJP = Panel mount
 w/ Mounting
 Flange

TERMINATION

A = Solder eyelet
B = PCB pin

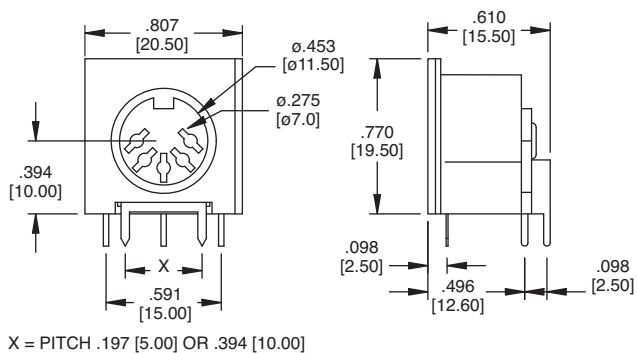
DJN = Barrel type

straight PCB
 mount

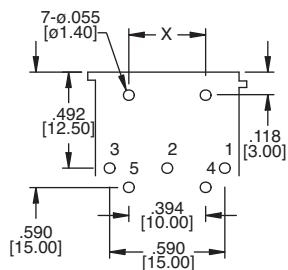
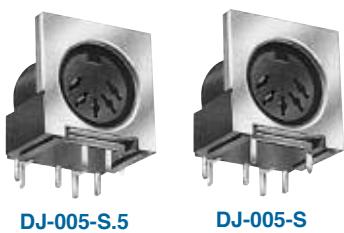
POSITIONS

3P thru 13P
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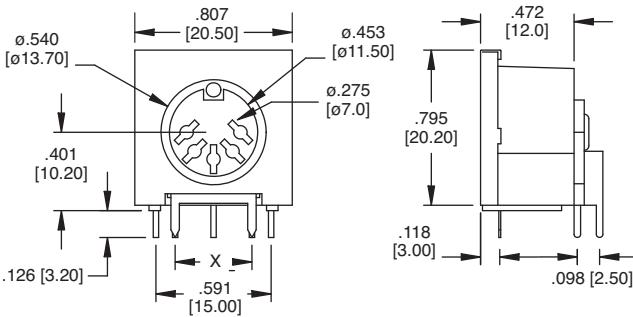
DIN JACK SHIELDED 5 POSITION



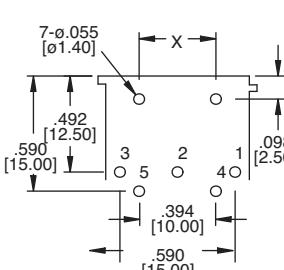
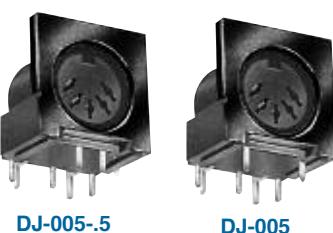
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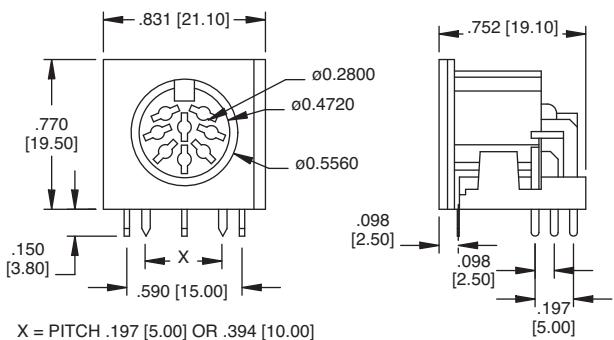
DIN JACK NON-SHIELDED 5 POSITION



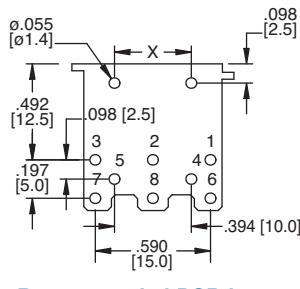
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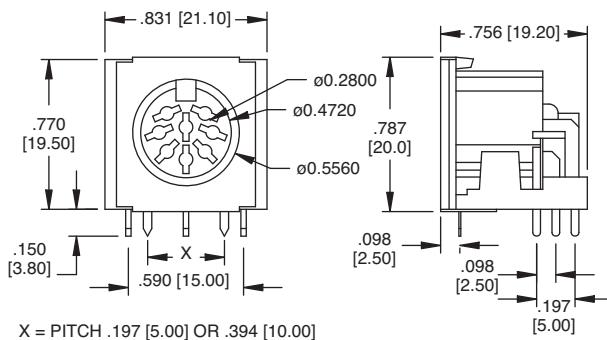
DIN JACKS NON-SHIELDED, POSITIONS: 3P, 4P, 6P, 7P, 8P



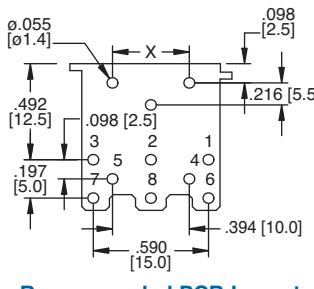
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DIN JACK SHIELDED, POSITIONS: 3P, 4P, 6P, 7P, 8P



X = PITCH .197 [5.00] OR .394 [10.00]



MATING FACE CONFIGURATIONS	3 Position	4 Position	5 Position	6 Position	7 Position	8 Position

Mouser Electronics

Authorized Distributor

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[DJ-008-S.5](#) [DJ-006](#) [DJ-008](#) [DJ-008-S](#)