



MINI/CIRCULAR DINs: KMDTX Series Slim Design Right Angle Mini-DIN

Product Features

Slim Design Saves On Board Space
Mates with Standard and Snap and Lock Plugs
Available in SMT and Reflow Compatible
Through Hole Designs
Full Shield for EMI/RFI Protection
CSA/NRTL Certified File No. LR78160
UL File No. E140125

Performance Specifications

Materials and Finish

Body

High Temperature Thermoplastic, Black Color,
UL 94V-0 Rated

Contacts

Phosphor Bronze

Shield

SPCC, Nickel Plated

Mechanical Characteristics

Durability

500 Cycles Min.

Insertion Force

0.5kg - 4.5kg

Extraction Force

0.4kg - 3.5kg

Electrical Characteristics

Rated Current

1A

Rated Voltage

18V DC

Insulation Resistance

500 Megohm Min. at 500V DC

Contact Resistance

Before Durability Test

Plug to Shield: 50 milliohms Max.

Plug to Terminals: 30 milliohms Max.

After Durability Test

Plug to Shield: 100 milliohms Max.

Plug to Terminals: 60 milliohms Max.

Dielectric Withstanding Voltage

500V RMS AC for 1 Minute

Operating Temperature

-25°C to + 70°C

2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

Part Number Builder

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Series		Number of Contacts	Contact Type	Option

Series

KMDTX-HT - Reflow Compatible Through Hole, Right Angle, PCB Mount Mini-DIN

KMDTX-SMT - Surface Mount, Right Angle, PCB Mount Mini-DIN

Number of Contacts

4 Contacts

6 Contacts

Contact Type

S - Receptacle

Shielding Option

BSC - Fully Shielded

Contact Kycon for Other Options

KMDTX Series

Dimensions in mm

KMDTX-SMT-6S-BSC

