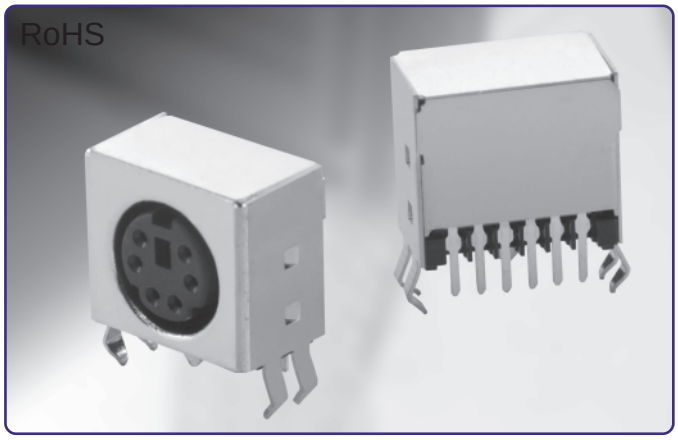
LEADERSHIP in Connector Design

KYCON

MINI-DINs/ CIRCULAR DINs

KMDTX Series



KMDTX Series
Slim Design Right Angle Mini-DIN

Features

LR78160

- 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

Performance Specifications

Materials and Finish

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

Contacts: Phosphor Bronze

Shield: Copper Alloy, Nickel Plated

Mechanical Characteristics

Durability: 500 Cycles Min.

Insertion Force: 0.5kg - 4.5kg

Extraction Force: 0.4kg - 3.5kg

Operating Temperature: - 25˚C to + 70˚C

Electrical Characteristics

Rated Voltage: 18V DC

Rated Current: 1A

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.

Insulation Resistance: 500 Megohms Min.

Dielectric Withstanding Voltage: 500V AC RMS for 1 Minute

Documentation & Ordering Information

Drawing	Stock	CofC
Sample	Email	RFQ

Kycon Part #	KMDTX-SMT-4S-BSC

Part Number Builder

KMDTX – SMT – 4 S – BSC

Series	Style	Number of Contacts	Contact Type	Shielding Option	Plating Option

Series
KMDTX - Right Angle PCB Mount Mini-DIN

Style
SMT - Surface Mount
HT - Reflow Compatible Through Hole

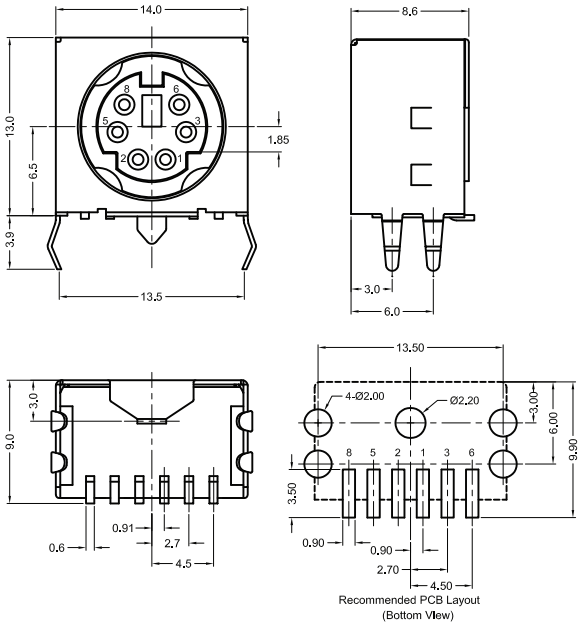
Number of Contacts
4 Contacts
6 Contacts

Contact Type
S - Receptacle

Shielding Option
BSC - Full Shield Crimp

Plating Option
Standard - Gold Flash over Nickel on Contacts.
Tin over Nickel on Solder Tails.

*Minimum Quantities May Apply

KMDTX Series Dimensions
Dimensions in mm

KMDTX-SMT-6S-BSC