



KMDGX Series Right Angle Mini-DIN

Features

- PC99 Colors Available
- Shielded Options Available for Good Conductivity, Grounding and EMI/RFI Protection
- Mates with Standard and Snap and Lock Plugs
- Visual and Mechanical Polarization for Plug Insertion
- Reflow Compatible Design Available
- Gold Plated Contacts

Performance Specifications

Materials and Finish

Body: PBT Thermoplastic, Black, Purple, or Green
Color, UL 94V-0 Rated

Contacts: Copper Alloy, Gold Plated

Shield: Brass, Nickel Plated

Mechanical Characteristics

Insertion Force: 4.5 kg Max.

Extraction Force: 0.4 kg - 3.5 kg

Durability: 500 Cycles Min.

Electrical Characteristics

Rated Voltage: 12V DC

Rated Current: 2A

Insulation Resistance: 500 Megohms Min. at 500V DC

Contact Resistance:

Before Durability Test: Plug to Terminals: 30 milliohms Max.

After Durability Test: Plug to Terminals: 60 milliohms Max.

Dielectric Withstanding Voltage: 500V RMS AC for 1 Minute

Operating Temperature: -25°C to +85°C

MINI-DINs / CIRCULAR DINs

KMDGX Series

Documentation & Ordering Information

Kycon Part #

Part Number Builder

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Series	Number of Contacts	Contact Type	Shielding Option
Series KMDGX - Right Angle PCB Mount Mini-DIN			
Number of Contacts 3, 4, 5, 6, 7, 8, 9, (10 Available only with BS option)			
Contact Type S - Receptacle			
Shielding Option N - Non-Shielded AS - Sides and Back Shielded BS - Fully Shielded			
Plating Option Standard - Gold flash over nickel on contacts. Tin overnickel on soldetails			

KMDGX Series Dimensions

Dimensions in mm

-BS Option (Fully Shielded)

