

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
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Body

KMDGX - PBT Thermoplastic, Black, Purple, Green or Yellow Color, UL94V-0 Rated

KMDGXHT - High Temperature Thermoplastic, Black Color, UL94V-0 Rated

Contacts

Phosphor Bronze, Gold Plated

Shield

Standard: Brass, Tin Plated

HT: Brass, Nickel Plated

Mechanical Characteristics

Insertion Force : 4.5 kg max.

Extraction Force : 0.4 kg - 3.5 kg

Durability : 500 Cycles Minimum

Electrical Characteristics

Contact Current Rating : 2 Amp at 12V DC

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 AC for 1 Minute

Operating Temperature : -25°C to +85°C

MINI-DINs / CIRCULAR DINs

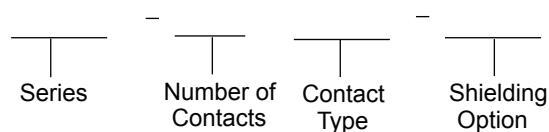
KMDGX Series

Documentation & Ordering Information

Kycon Part

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Part Number Builder



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 soldertails

Contact Kycon for PC99 Color Options

-N Option (Non-Shielded)

