



MINI/CIRCULAR DINs: KMDGX Series Right Angle Mini-DIN

Product 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
CSA/NRTL Certified File No. LR78160
UL File No. E140125

Performance Specifications

Materials and Finish

Body
PBT Thermoplastic, Black, Purple, or Green Color

Contacts
Copper Alloy, Gold Plated

Shield
See Drawing

Mechanical Characteristics

Insertion Force

4.5kg Max.

Extraction Force

0.4kg - 3.5kg

Durability

500 Cycles Min.

Electrical Characteristics

Rated Current

2A

Rated Voltage

12V DC

Insulation Resistance

500 Megohm 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 + 80°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

KMDGX-3S-N

Part Number Builder

| | | | | |
|--------|---|--------------------|--------------|--------|
| KMDGX | - | 3 | S | N |
| Series | | Number of Contacts | Contact Type | Option |

Series

KMDGX - Right Angle PCB Mount Mini-DIN

Number of Contacts

- 3 Contacts
- 4 Contacts
- 5 Contacts
- 6 Contacts
- 7 Contacts
- 8 Contacts
- 9 Contacts
- 10 Contacts (10 Available only with BS option)

Contact Type

S - Receptacle

Shielding Option

- N - Non-Shielded
- AS - Sides and Back Shielded
- BS - Fully Shielded

Contact Kycon for Other Options

KMDGX Series

Dimensions in mm

KMDGX-8S-BS

