



**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**
3.0kg Max.
- Extraction Force**
0.3kg - 3.0kg
- Durability**
1000 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

Part Number Builder

-
 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 9 Contacts)

Contact Kycon for Other Options

KMDGX Series

Dimensions in mm

KMDGX-8S-BS

