



**MINI/CIRCULAR DINs: KMDGX-*S/*S Series
Stacked Mini-DIN Gold Plated**

Product Features

- Audio, Video, Computer and Digital Equipment Applications
- Mates with Standard and Snap and Lock Plugs
- Space Saving Stacked Design
- Shielded Options Available for Good Conductivity, Grounding and EMI/RFI Protection
- Visual and Mechanical Polarization for Plug Insertion
- Gold Plated Contacts
- Reflow Compatible Design Available
- CSA/NRTL Certified File No. LR78160

Performance Specifications

Materials and Finish

- Body**
PBT Thermoplastic, Black Color, UL 94V-0 Rated
- Contacts**
Copper Alloy
- Shield**
See Drawing
- Plating**
Gold Flash over Nickel on Contacts. Tin over Nickel on Solderetails.

Mechanical Characteristics

- Insertion Force**
4.5kg Max.
- Extraction Force**
0.4kg - 3.5kg
- Durability**
500 Cycles Minimum

Electrical Characteristics

- Rated Current**
2A
- Rated Voltage**
12V DC
- Insulation Resistance**
500 Megohm Min.
- 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



Generated Part Number

KMDGX-4S/4S-S4N

Part Number Builder

| | | | |
|-----------------------|---|------------------------------|------------------------------|
| KMDGX | - | 4S/4S | S4N |
| <small>Series</small> | | <small>Configuration</small> | <small>Shield Option</small> |

Series

KMDGX - Stacked PCB Mount Mini-DIN

Configuration

- 4S/4S - 4 Contacts over 4 Contacts
- 6S/6S - 6 Contacts over 6 Contacts
- 8S/8S - 8 Contacts over 8 Contacts (Not available with S4N1)

Shield Option

- S4N - Fully Shielded
- S4N1 - Fully Shielded with Mounting Hole

KMDGX Series
Dimensions in mm

KMDGX-4S/4S-S4N

