



**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

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

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 Series Configuration Shield Option

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

Contact Kycon for Other Options

KMDGX Series

Dimensions in mm

KMDGX-4S/4S-S4N

