



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 Solder tails.

Mechanical Characteristics

Insertion Force: 0.4kg - 3.5kg

Extraction Force: 0.5kg - 4.5kg

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 +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		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

