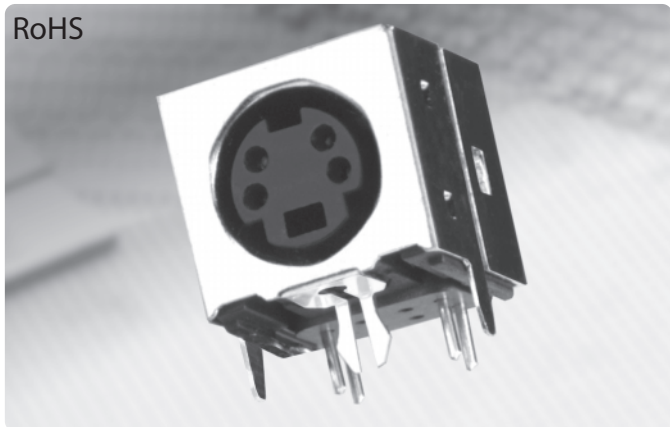


RoHS



KFMDGX Series Right Angle Mini-DIN with Ferrite

Features



- Audio, Video, Computer and Digital Equipment Applications
- 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
- Gold Plated Contacts
- CSA/NRTL Certified File No. LR78160
- Ferrite Block for High Frequency Noise Filtering

Performance Specifications

Body 

PBT Thermoplastic, Black Color, UL94V-0 Rated

Contacts

Phosphor Bronze

Shield

Brass, Nickle Plated

Mechanical Characteristics

Insertion Force

4.5 kg Max

Extraction Force

0.9 kg - 3.0 kg

Durability

500 Cycles Minimum

Plating Option

Standard: Gold flash over nickel on contacts. Tin over nickel on soldertails

30: 30µ " gold over nickel on mating end of contacts. Tin over nickel on soldertails.

MINI-DINs / CIRCULAR DINs

KFMDGX Series

Ordering Information

KFMDGX	–	6		S	–	BS	
Series		Number of Contacts		Contact Type		Shielding Options	Plating Options
Series KFMDGX - Right Angle PCB Mount Mini-DIN with Ferrite Number of Contacts 3, 4, 5, 6, 7, 8 Contact Type S - Receptacle Shielding Options BS - Fully Shielded KFMDGX-XS-BS BSC- Fully Shielded with Crimped Side Tabs KFMDGX-XS-BSC							

Electrical Characteristics

Contact Current Rating

2 Amp at 12V DC

Insulation Resistance

500 Megohms Min

Contact Resistance

Before Durability Test

Plug to Shield: 50 Milliohms Max.

Plug to Terminals: 30 Milliohms Max

After Durability Test

Plug to Shield: 100 Milliohms Max

Plug to Terminals: 60 Milliohms Max.

Dielectric Withstanding Voltage

500V AC for 1 Minute

Operating Temperature

-55°C to +85°C

Ferrite Specifications

Impedance	Value	Test Frequency
Z (Ohm)	13-15 Min	30 MHz
Z (Ohm)	15-18 Min	50 MHz
Z (Ohm)	20-22 Min	100 MHz

[Click here for PCB Layout](#)

[Click here for Dimention](#)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Kycon:](#)

[KFMDGX-6S-BS](#) [KFMDGX-4S-BS](#) [KFMDGX-5S-BS](#) [KFMDGX-8S-BS](#) [KFMDGX-3S-BS](#) [KFMDGX-7S-BS](#)