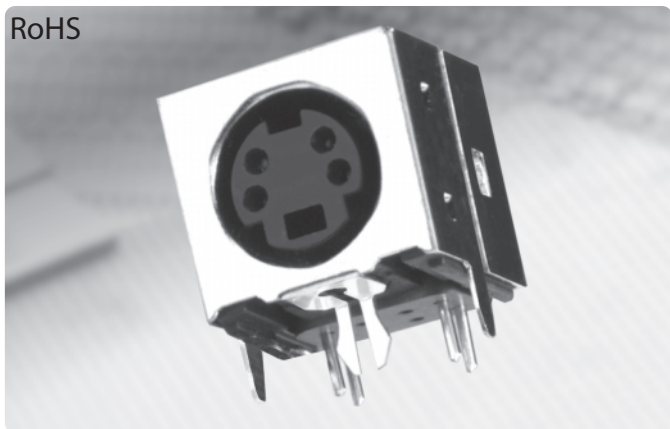


RoHS



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

KFMDGX - PBT Thermoplastic, Black Color, UL94V-0 Rated
KFMDGXHT - High Temperature Thermoplastic, Black Color, UL94V-0 Rated

Contacts : Phosphor Bronze, Gold Plated

Shield : Standard: Brass, Tin Plated
HT: Brass, Nickel Plated

Mechanical Characteristics

Insertion Force : 4.5 kg Max

Extraction Force : 0.9 kg - 3.0 kg

Durability : 500 Cycles Minimum

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 : -25°C to +85°C

MINI-DINs / CIRCULAR DINs

KFMDGX Series

Documentation & Ordering Information

Kycon Part

Part Number Builder

Series	Number of Contacts	Contact Type	Shielding Option	Plating Option
<p>Series KFMDGX - Right Angle PCB Mount Mini-DIN with Ferrite</p> <p>Number of Contacts 3, 4, 5, 6, 7, 8</p> <p>Contact Type S - Receptacle</p> <p>Shielding Option BS - Fully Shielded</p> <p>Plating Option Standard - Gold flash over nickel on contacts. Tin over nickel on soldertails</p>				

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

BS Option (Fully Shielded)

