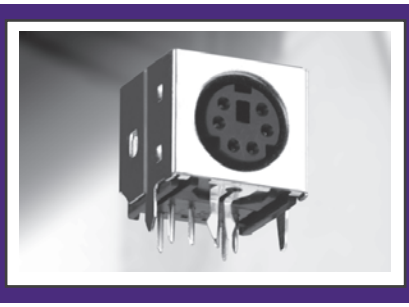


2D Drawing	IGES	STEP	3D PDF
Solder Profile	CofC RoHS Compliant	CofC REACH Compliant	UL Plastic File
Certificate of Origin	Check Stock	Request a Sample	Send Us An Email

Generated Part Number

KMDGX-3S-N

Part Number Builder

KMDGX	–	3	S	N
Series		Number of Contacts	Contact Type	Option

E140125 LR78160

MINI/CIRCULAR DINs: KMDGX Series Right Angle Mini-DIN

Product Features

PC99 Colors Available
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
Reflow Compatible Design Available
Gold Plated Contacts
CSA/NRTL Certified File No. LR78160
UL File No. E140125

Performance Specifications

Materials and Finish
Body
PBT Thermoplastic, Black, Purple, or Green Color
Contacts
Copper Alloy, Gold Plated
Shield
See Drawing

Mechanical Characteristics

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

Electrical Characteristics

Rated Current
2A
Rated Voltage
12V DC
Insulation Resistance
500 Megohm Min. at 500V DC
Contact Resistance
Before Durability Test
Plug to Terminals: 30 milliohms Max.
After Durability Test
Plug to Terminals: 60 milliohms Max.
Dielectric Withstanding Voltage
500V RMS AC for 1 Minute
Operating Temperature
-25°C to + 80°C

Series
KMDGX - Right Angle PCB Mount Mini-DIN

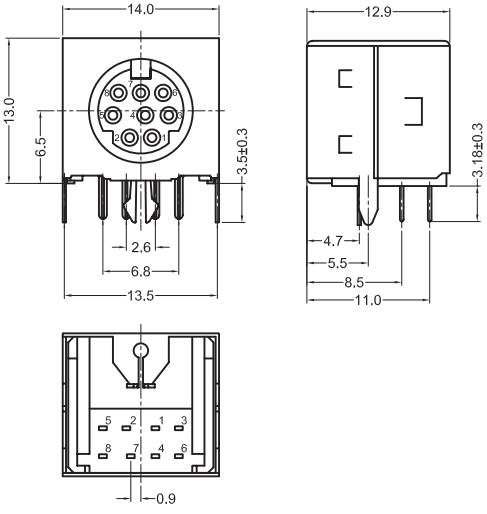
Number of Contacts
3 Contacts
4 Contacts
5 Contacts
6 Contacts
7 Contacts
8 Contacts
9 Contacts
10 Contacts (10 Available only with BS option)

Contact Type
S - Receptacle

Shielding Option
N - Non-Shielded
AS - Sides and Back Shielded
BS - Fully Shielded

Contact Kycon for Other Options

KMDGX Series

Dimensions in mm

KMDGX-8S-BS