



## MINI/CIRCULAR DINs: KMDVLX Series Snap and Lock Vertical Mini-DIN

### Product Features

Audio, Video, Computer and Digital Equipment Applications  
 Mates With Standard and Snap and Lock Plugs  
 Inner Shield for Good Conductivity, Grounding and EMI/RFI Protection  
 Visual and Mechanical Polarization for Plug Insertion  
 Closed Bottom for Better Solderability  
 Various Circuit Sizes  
 CSA/NRTL Certified File No. LR78160  
 UL File No. E140125

### Performance Specifications

#### Materials and Finish

**Body**  
 PBT Thermoplastic, Black Color

#### Contacts

Brass, Silver Plated

#### Inner Shield

Brass matte Tin Plated

### Mechanical Characteristics

#### Insertion Force

0.3kg - 3.0kg

#### Withdrawal Force

0.4kg - 3.5kg

#### Durability Rating

5000 Mating Cycles Min.

### Electrical Characteristics

#### Rated Current

2A Max.

#### Rated Voltage

12V DC

#### Insulation Resistance

50 Megohm Min. at 500V DC

#### Contact Resistance

30 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

|        |   |                       |                 |        |
|--------|---|-----------------------|-----------------|--------|
|        | - |                       |                 |        |
| Series |   | Number<br>of Contacts | Contact<br>Type | Option |

### Series

**KMDVLX** - Vertical PCB Mount Mini-DIN Connector

### Number of Contacts

- 3 Contacts
- 4 Contacts
- 5 Contacts
- 6 Contacts
- 7 Contacts
- 8 Contacts

### Contact Type

**S** - Receptacle

### Shielding Option

**N** - Non-Shielded

Contact Kycon for Other Options

### KMDVLX Series

Dimensions in mm

