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Part Number: [1731110060](#)
Status: **Active**
Overview: [FCT D-Sub Connectors](#)
Description: FCT Metal Backshell for D-Sub Connector, Shell Size 2, Straight Large Diameter Cable Outlet, Large Inner Chamber, with Rubber Bushing and Locking Screws

Documents:

[Datasheet \(PDF\)](#)

[Brochure \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

General

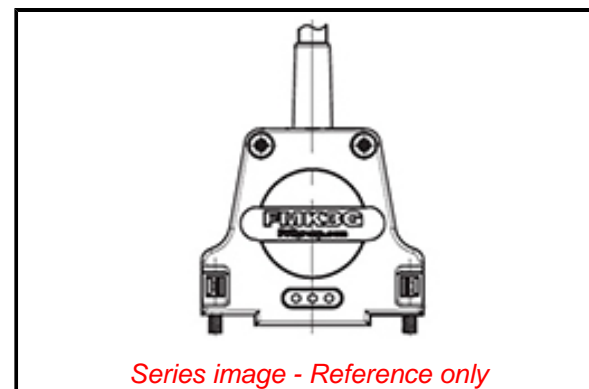
| | |
|------------------|--------------------------------------|
| Product Family | D-Sub Products |
| Series | 173111 |
| Overview | FCT D-Sub Connectors |
| Product Category | Backshell |
| Product Name | FCT Products |
| Type | Rugged Metal |
| UPC | 889056411639 |

Physical

| | |
|-------------------------------|----------------|
| Cable Diameter | 8.00-12.50mm |
| Material - Backshell | Zinc Die-cast |
| Material - Bushing | TPE |
| Material - Screw | Steel |
| Mounting Style | Locking Screw |
| Net Weight | 46.200/g |
| Orientation | Straight |
| Packaging Type | Carton |
| Plating - Backshell | Nickel |
| Shield Type | Solid Metal |
| Shielded | Yes |
| Temperature Range - Operating | -35° to +100°C |
| Thread Size | 4-40 UNC |
| Thread Type | Standard |
| Tightening Test Torque | 40 Ncm |
| Waterproof / Dustproof | No |

Material Info

| | |
|--------------------|------------|
| Engineering Number | FMK2G-K201 |
|--------------------|------------|



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[173111 Series](#)

Use With

FCT D-Sub, Size 2

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Metal Backshells for D-Sub Connectors

molex

Metal Backshells for D-Sub Connectors are available with either straight or angled cable outlets and provide connector protection, strain relief and organized cable routing



Metal Backshells for D-Sub Connectors

Features and Advantages

Rubber bushing
Provides cable dressing for a variety of cable sizes (optional use)

Wide cable outlet
Accommodates a wide range of cable diameters

Cable clamp
Protects cable from repeated use and harsh environments

Large inner chamber
Allows for D-Sub connectors with special contacts

Catch-spring system and pre-mounted locking screws included
Enabling easy assembly

UL-recognized
File No. E168813

RoHS compliant by exemption
Meets European Union regulations for banned materials hazardous to the environment

Top view

View without lid



Examples of metal backshell applications

Markets and Applications

Manufacturing Equipment

- Control panels
- Silicon chip manufacturing
- CNC machines

Industrial Automation

- Dense connector spacings
- Long cable runs
- Battery modules

Scientific

- Test and measurement equipment
- Automated inspection equipment

Medical

- Patient monitoring
- Diagnostic equipment

Commercial Vehicle

- Telematics
- GPS-agriculture



Control panel on test equipment



Patient monitoring

Metal Backshells for D-Sub Connectors



Specifications

PHYSICAL

Material: Zinc die-cast
Plating: nickel-plated

REFERENCE INFORMATION

UL File No.: E168813
Designed In: Millimeters

MECHANICAL

Torque (max.): 40Ncm
Screwhead: Pozidriv

Operating Temperature: -35 to +100°C

Ordering Information

| Part No. | Engineering No. | Shell Size | Orientation | Cable Diameter |
|------------|-----------------|------------|------------------|----------------|
| 1731110095 | FMD1 | 1 | 65° Angle (Dual) | 4.8 to 10.0mm |
| 1731110096 | FMD2 | 2 | 65° Angle (Dual) | 4.8 to 11.0mm |
| 1731110086 | FMH1 | 1 | Straight | 5.0 to 8.0mm |
| 1731110087 | FMH2 | 2 | Straight | 5.0 to 8.5mm |
| 1731110088 | FMH3 | 3 | Straight | 9.0 to 11.0mm |
| 1731110089 | FMH4 | 4 | Straight | 8.5 to 11.0mm |
| 1731110090 | FMH5 | 5 | Straight | 10.0 to 12.5mm |
| 1727040095 | FMK1 | 1 | 45° Angle | 3.0 to 9.5mm |
| 1727040096 | FMK1G | 1 | Straight | 3.0 to 9.5mm |
| 1731110190 | FMK1-K201 | 1 | 45° Angle | 10.0 to 11.5mm |
| 1727040097 | FMK2 | 2 | 45° Angle | 3.0 to 8.5mm |
| 1727040098 | FMK2G | 2 | Straight | 3.0 to 8.5mm |
| 1731110060 | FMK2G-K201 | 2 | Straight | 8.0 to 12.5mm |
| 1731110061 | FMK2-K201 | 2 | 45° Angle | 8.5 to 12.5mm |
| 1727040099 | FMK3 | 3 | 45° Angle | 3.0 to 8.5mm |
| 1727040100 | FMK3G | 3 | Straight | 3.0 to 8.5mm |
| 1731110058 | FMK3G-K201 | 3 | Straight | 8.0 to 12.5mm |
| 1731110062 | FMK3-K201 | 3 | 45° Angle | 8.5 to 12.5mm |
| 1727040101 | FMK4 | 4 | 45° Angle | 3.0 to 12.0mm |
| 1727040102 | FMK4G | 4 | Straight | 3.0 to 12.0mm |
| 1731110065 | FMK4G-K201 | 4 | Straight | 12.0 to 15.0mm |
| 1731110063 | FMK4-K201 | 4 | 45° Angle | 12.0 to 15.0mm |
| 1727040103 | FMK5 | 5 | 45° Angle | 3.0 to 12.0mm |
| 1727040104 | FMK5G | 5 | Straight | 3.0 to 12.0mm |
| 1731110059 | FMK5G-K201 | 5 | Straight | 12.0 to 15.0mm |
| 1731110064 | FMK5-K201 | 5 | 45° Angle | 12.0 to 15.0mm |

www.molex.com/link/dsubconnectors.html

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