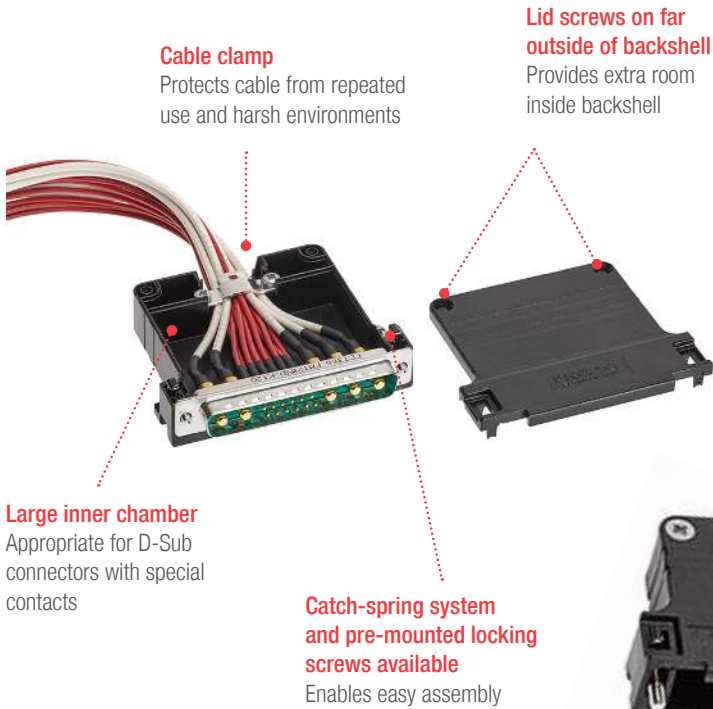


Plastic Backshells for D-Sub Connectors

molex

Plastic Backshells for D-Sub Connectors, available with either straight or angled cable outlet orientations along with shielded (metalized) and nonmagnetic options, provide connector protection, strain relief and organized cable routing

Features and Advantages



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

Straight and right-angle versions available
Two cable outlet choices offers design flexibility



Plastic Backshells with D-Sub Connectors and Cable Assemblies



Available accessories include
Rubber bushings
Knurled thumbscrews with and without plastic caps

Offer features needed for specific applications



Rubber bushings



Knurled Thumbscrew



Knurled Thumbscrew with plastic cap

Applications

Commercial Aerospace

Aircraft cabins

Medical

MRI
Patient monitoring

Scientific

Test equipment and measurement

Telecommunications / Networking

19-inch rack-mounted system
Head-end equipment

Defense

Security
Surveillance

Industrial Automation

Dense connector spacing
Long cable runs



Metallized-shielded version also available
Nickel plating provides isolation



Industrial Automation Applications

Plastic Backshells for D-Sub Connectors



Specifications

REFERENCE INFORMATION

UL File No.: E197631
Designed In: Millimeters

MECHANICAL

Torque (max.): 40 Ncm

PACKAGING

All components are seal packed together in a transparent bag (the backshell is snapped together, locking screws, cable outlet reduction plate and catch springs are pre-mounted).

PHYSICAL

Material

Standard Versions: PC-ABS, Flame Retardant

Shielded Versions: PC-ABS, Flame Retardant with

Nickel plating over Copper

ColorPlating

Standard Versions: Black

Shielded Versions: Nickel

Operating Temperature

Standard Versions: -35 to +120°C

Shielded Versions: -35 to +95°C

Ordering Information

| Part No. | Engineering No. | Shell size | Metalized? | Size | Orientation |
|-----------------------------|-----------------|------------|------------|---------|-------------|
| 173111-0029 | FKC1E | 1 | N | Regular | Angled |
| 173111-0030 | FKC2E | 2 | | | |
| 173111-0031 | FKC3E | 3 | | | |
| 173111-0032 | FKC4E | 4 | | | |
| 173111-0033 | FKC5E | 5 | | | |
| 173111-0405 | FKC1-K201E | 1 | | Large | |
| 173111-0406 | FKC2-K201E | 2 | | | |
| 173111-0024 | FKC1GE | 1 | | Regular | Straight |
| 173111-0025 | FKC2GE | 2 | | | |
| 173111-0026 | FKC3GE | 3 | | | |
| 173111-0027 | FKC4GE | 4 | | | |
| 173111-0028 | FKC5GE | 5 | | | |

| Part No. | Engineering No. | Shell Size | Metalized? | Orientation |
|-----------------------------|-----------------|------------|------------|-------------|
| 172704-0109 | FKC1AE | 1 | Y | Angled |
| 172704-0113 | FKC2AE | 2 | | |
| 172704-0117 | FKC3AE | 3 | | |
| 172704-0177 | FKC4AE | 4 | | |
| 172704-0179 | FKC5AE | 5 | | |
| 172704-0112 | FKC1GAE | 1 | | Straight |
| 172704-0116 | FKC2GAE | 2 | | |
| 172704-0120 | FKC3GAE | 3 | | |
| 172704-0178 | FKC4GAE | 4 | | |
| 172704-0180 | FKC5GAE | 5 | | |

www.fctgroup.com

Molex is a registered trademark of Molex, LLC in the United States of America and may be registered in other countries; all other trademarks listed herein belong to their respective owners.