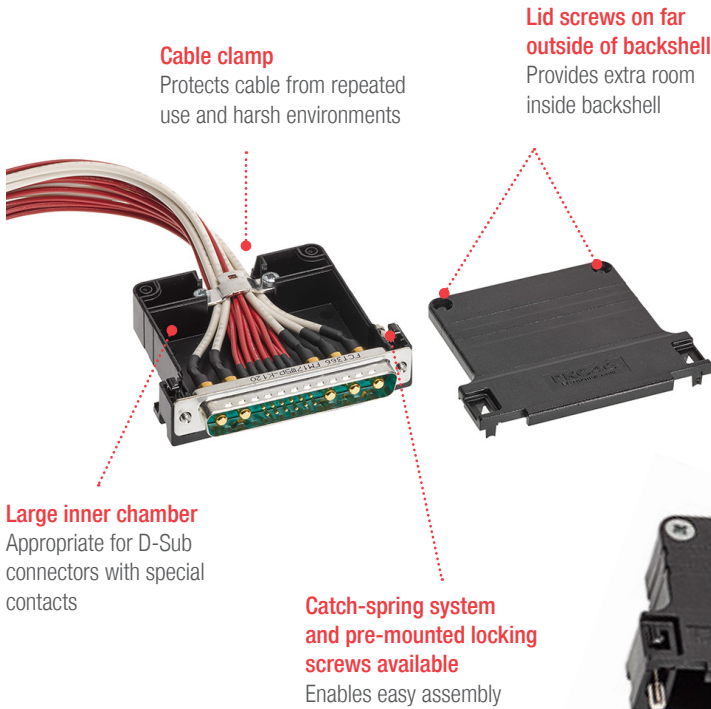


# Plastic Backshells for D-Sub Connectors

**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



**Cable clamp**

Protects cable from repeated use and harsh environments

**Lid screws on far outside of backshell**

Provides extra room inside backshell

**Large inner chamber**  
Appropriate for D-Sub connectors with special contacts

**Catch-spring system and pre-mounted locking screws available**

Enables easy assembly



**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**

Nickle 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
<a href="#">173111-0029</a>	FKC1E	1	N	Regular	Angled
<a href="#">173111-0030</a>	FKC2E	2			
<a href="#">173111-0031</a>	FKC3E	3			
<a href="#">173111-0032</a>	FKC4E	4			
<a href="#">173111-0033</a>	FKC5E	5			
<a href="#">173111-0405</a>	FKC1-K201E	1		Large	
<a href="#">173111-0406</a>	FKC2-K201E	2			
<a href="#">173111-0024</a>	FKC1GE	1		Regular	Straight
<a href="#">173111-0025</a>	FKC2GE	2			
<a href="#">173111-0026</a>	FKC3GE	3			
<a href="#">173111-0027</a>	FKC4GE	4			
<a href="#">173111-0028</a>	FKC5GE	5			

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

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