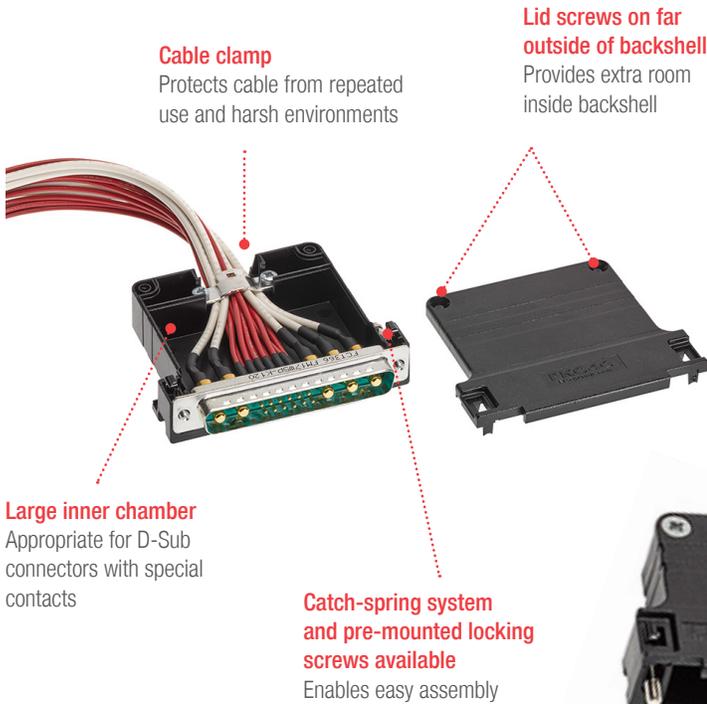


Plastic Backshells for D-Sub Connectors

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
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		

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