

T4171110005-001 ✓ ACTIVE



M12 Connector

TE Internal #: T4171110005-001

M12 Connector, Standard Circular Connectors, Wire-to-Panel, 5 Position, Sealable, Wire & Cable, 4A Contact Current Rating (Max), Signal

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors > M12 Panel Mount Wire



Connector System: **Wire-to-Panel**

Number of Positions: **5**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

Contact Current Rating (Max): **4 A**

[All M12 Panel Mount Wire \(66\)](#)

Features

Product Type Features

Prewired	Yes
Product Type	Connector
Accessory Color	Black
Assembly Type	Electrical Connector
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Receptacle
Shell Type	Metal

Configuration Features

Keying & Polarized Position Locations	A
Factory Installed Backshell	No
Keying	A



Number of Positions	5
Number of Power Positions	0
Number of Signal Positions	5
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	60 VAC
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Body Features

Peripheral Seal Material	Silicone
O-Ring Material	Silicone
Environmental Protection Type	Sealed
Shell Plating Material	Nickel
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	Polyamide

Contact Features

Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Circular Connector Contact Type	Socket

Mechanical Attachment

Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	18
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Dimensions

Wire Size	.34 – .5 mm ²
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Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F][-40 – 185 °F]

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	HB
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Packaging Features

Packaging Quantity	1
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Other


Field Serviceable	No
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Compatible Parts




TE Part # CAT-C73765-M1E
M12 Field Installable Unshielded

Also in the Series | M12 Connector



Circular Connector Adapters(2)



Standard Circular Connectors(453)

Customers Also Bought



TE Part #1-338095-2
CRIMP-ON-SNAP-IN HOUSING



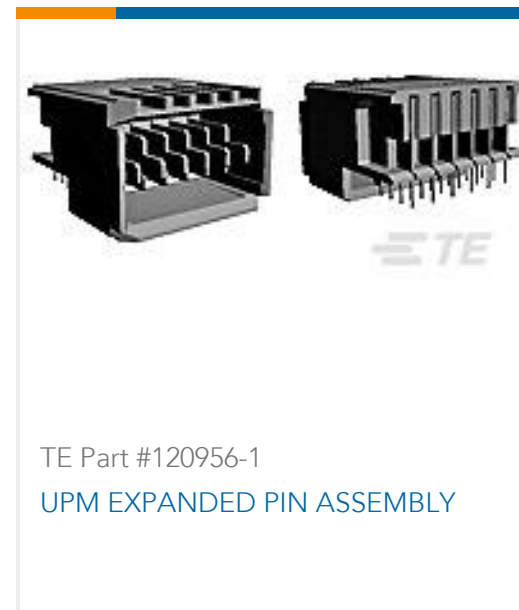
TE Part #1-2273034-1
M12 A-CODE MALE STRAIGHT PIGTAIL



TE Part #1-2273003-4
M8 FEMALE STRAIGHT PIGTAIL



TE Part #1-2273114-3
M12 MS-FS DOUBLE END CABLE ASSY BL



Documents

Product Drawings

M12,REAR MOUNTING,FEMALE,A,5P,0.2M WIRE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_T4171110005-001_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4171110005-001_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_T4171110005-001_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

M8 / M12 Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

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English