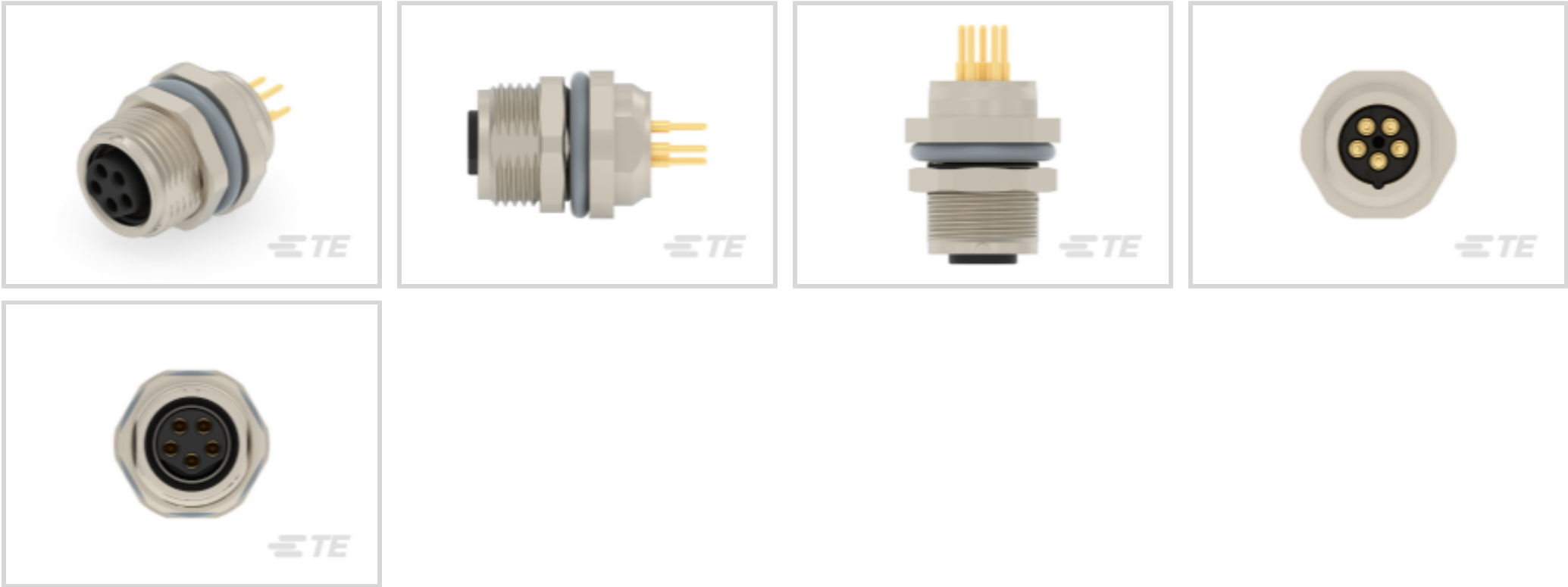




Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**

Number of Positions: **5**

Sealable: **Yes**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **3 A**

Features

Product Type Features

Product Type	Connector Assembly
Accessory Color	Black
Assembly Type	Electrical Connector
Connector System	Cable-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Printed Circuit Board
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

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

Environmental Protection Type	Elastomer Sealed
Peripheral Seal Material	Silicone
Environmental Protection	IP67
O-Ring Material	Silicone
Shell Plating Material	Nickel
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	Polyamide 66 GF25

Contact Features

Contact Current Rating (Max)	3 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin

Mechanical Attachment

Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	12
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Usage Conditions

Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

UL Flammability Rating	UL 94V0
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Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2023 (235)  
Candidate List Declared Against: JUNE 2023 (235)  
SVHC > Threshold:  
Pb (4% in Component Part)

Article Safe Usage Statements:  
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free





Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts


 <p>TE Part # T4051170405-001 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 0.5M</p>	 <p>TE Part # T4051170405-002 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 1.0M</p>	 <p>TE Part # T4051170405-003 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 1.5M</p>	 <p>TE Part # T4051170405-004 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 3.0M</p>
 <p>TE Part # T4051170405-020 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 2M</p>	 <p>TE Part # T4051170405-025 M8 MALE CORDSET,5PIN,ST,UN-SH, CP, 2.5M</p>		




Customers Also Bought




TE Part #T4061410004-002  
M8 CABLE RA FEMALE 1.0M 4POS  
PVC CABLE




TE Part #TAA753A5501-020  
M12A5-FS-PUR-2.0M



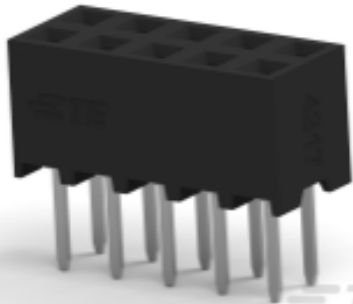
TE Part #TAA75AA1611-002  
M12A5-MR-FS-PVC-1.0M




TE Part #TAA75AA5501-002  
M12A5-MR-FS-PUR-1.0M



TE Part #1-2842122-0  
10P,2MM,BRK HDR,SRRT,2.8,0.1AU,  
BOX



TE Part #1-2314821-0  
10P,2MM,B-B,REC,DRVT,2.7,0.38AU,TB



TE Part #T4140L12041-001  
M12,REAR MT,M,L,3P+PE,LONGER,  
SOLDER PCB

TE Part #2406358-1  
M12 MALE REAR PANEL MOUNT TO  
MTE CONNEC

TE Part #2406358-2  
M12 FEMALE REAR PANEL MOUNT  
TO MTE CONNE

Documents

Product Drawings  
M8.FMLE.PNLREAR.5POS.STR PCB

English

CAD Files  
3D PDF  
3D  
Customer View Model  
ENG\_CVM\_CVM\_T4041417051-001\_A.2d\_dxf.zip

English

Customer View Model  
ENG\_CVM\_CVM\_T4041417051-001\_A.3d\_igs.zip  
English  
Customer View Model  
ENG\_CVM\_CVM\_T4041417051-001\_A.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.



Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

UL

English