# T4141012041-000 - ACTIVE

#### M12 Connector

TE Internal #: T4141012041-000 Standard Circular Connectors, Wire-to-Panel, 4 Position, Sealable, Printed Circuit Board, Signal, Reverse Gender, Nickel, Brass, M12 Connector

#### View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > M12 Panel Mount PCB



Connector System: Wire-to-Panel Number of Positions: 4 Sealable: Yes Connector & Contact Terminates To: Printed Circuit Board Contact Current Rating (Max): 4 A

### All M12 Panel Mount PCB (112)



## Features

## Product Type Features

Product Type	Connector			
Accessory Color	Black			
Assembly Type	Electrical Connector			
Connector System	Wire-to-Panel			
Sealable	Yes			
Connector & Contact Terminates To	Printed Circuit Board			
Circular Connector Type	Receptacle			
Shell Type	Metal			
Configuration Features				
Keying & Polarized Position Locations	A			
Factory Installed Backshell	No			
Keying	A			
Number of Positions	4			

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Number of Power Positions	0			
Number of Signal Positions	4			
Contacts Preloaded	Yes			
Electrical Characteristics				
Operating Voltage	250 VAC			
Body Features				
Peripheral Seal Material	Silicone			
Environmental Protection	IP67			
O-Ring Material	Silicone			
Environmental Protection Type	Elastomer Sealed			
Shell Plating Material	Nickel			
Shell Base Material	Brass			
Circular Connector Insulation Material Type	Polyamide 66 GF25			
Contact Features				
Contact Current Rating (Max)	4 A			
Reverse Gender	Yes			
Circular Connector Contact Type	Socket			

## Mechanical Attachment

Polarization Code	A					
Housing Features						
Circular Connector Shell Size	18					
Usage Conditions						
IP Water Sealing Level	IP67					
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]					
Operation/Application						
Circuit Application	Signal					
Shielded	No					
Industry Standards						
UL Flammability Rating	UL 94HB					
Packaging Features						
Packaging Quantity	1					

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#### Other

Field Serviceable	No					
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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (4% in Component Part) Aticle 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	Not Low Halogen - contains Br or Cl > 900 ppm.					
Solder Process Capability	Not applicable for solder process capability					

Product Compliance Disclaimer

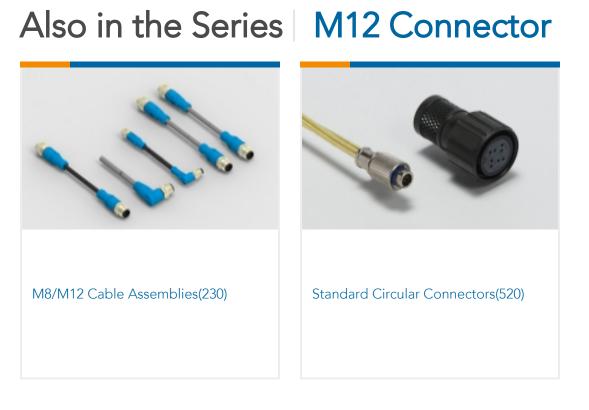
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

## **Compatible Parts**



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## Customers Also Bought



	- 16	- 12	
TE Part #5745968-2	TE Part #DT06-12SD-C017	TE Part #T4162113004-004	TE Part #66461-8
25 PLUG SP/FMS STD	PLG, 12P, BRN, BLOCKED, D	M12 A-CODE MS-FS DOUBLE ENDED CABLE	SKT,.062 DIA,.025 SQ POST,LP

## Documents

Product Drawings M12,REAR MOUNTING,FEMALE,A CODE,4P

English

## **CAD** Files

#### 3D PDF

#### 3D

Customer View Model

ENG\_CVM\_CVM\_T4141012041-000\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_T4141012041-000\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_T4141012041-000\_B.3d\_stp.zip

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English

By downloading the CAD file I accept and agree to the  $\ensuremath{\text{Terms}}\xspace$  and  $\ensuremath{\text{Conditions}}\xspace$  of use.

Datasheets & Catalog Pages M8 / M12 Connector System Catalog

English

Product Specifications Application Specification

English

Product Environmental Compliance

**Product Compliance** 

English

Product Compliance

English

Agency Approvals

UL Report

English