# T4130012051-000 - ACTIVE

#### M12 Connector

TE Internal #: T4130012051-000 5 Position Circular Connector, Wire-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Reverse Gender, Nickel, Copper Alloy, A Code, M12 Connector

#### View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > M12 Panel Mount Solder Cups



Number of Positions: 5

Connector System: Wire-to-Panel

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 4A

All M12 Panel Mount Solder Cups (56)



# Features

# Product Type Features

Assembly Requirement	Factory Assembled
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Assembly Type	Electrical Connector
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal
Configuration Features	
Keying & Polarized Position Locations	A
Factory Installed Backshell	No
Number of Positions	5

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0 5
5
Yes
60 VDC
Silicone
IP67
Elastomer Sealed
Black
Silicone
Nickel
Copper Alloy
Polyamide 66 GF25
Yes

Contact Current	Rating	(Max)
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4 A

Wire Size	18 – 24 AWG
Dimensions	
Circular Connector Shell Size	18
Housing Features	
Mating Alignment Type	Keyed
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Alignment	With
Panel Mount Feature Type	Screw Nut
Mating Retention Type	Threaded Coupling
Mechanical Attachment	
Termination Method to Wire & Cable	Solder
Termination Features	
Circular Connector Contact Type	Pin
Reverse Gender	Yes

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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
Other	
Field Serviceable	No

## Product Compliance

For compliance documentation, visit the product page on TE.com>

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tive 2000/52/50 

Compliant with Exemptions

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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 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (4% in 74024580) 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 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

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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**

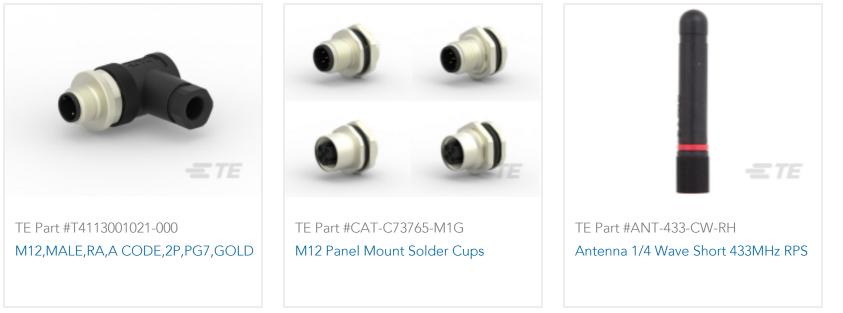


# Also in the Series | M12 Connector



# Customers Also Bought





### Documents

5 Position Circular Connector, Wire-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount, Reverse Gender, Nickel, Copper Alloy, A Code, M12 Connector



### Product Drawings M12,REAR MOUNT,MALE,A,5P,SOLDER WIRE

English

### CAD Files

Customer View Model

#### ENG\_CVM\_CVM\_T4130012051-000\_B.3d\_igs.zip

English

Customer View Model ENG\_CVM\_CVM\_T4130012051-000\_B.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_T4130012051-000\_B.2d\_dxf.zip

English

3D PDF

3D

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

Datasheets & Catalog Pages M8 / M12 Connector System Catalog

English

M8 / M12 Connector System Catalog

Japanese

**Product Specifications** 

### Application Specification

English

Agency Approvals

UL Report

English