



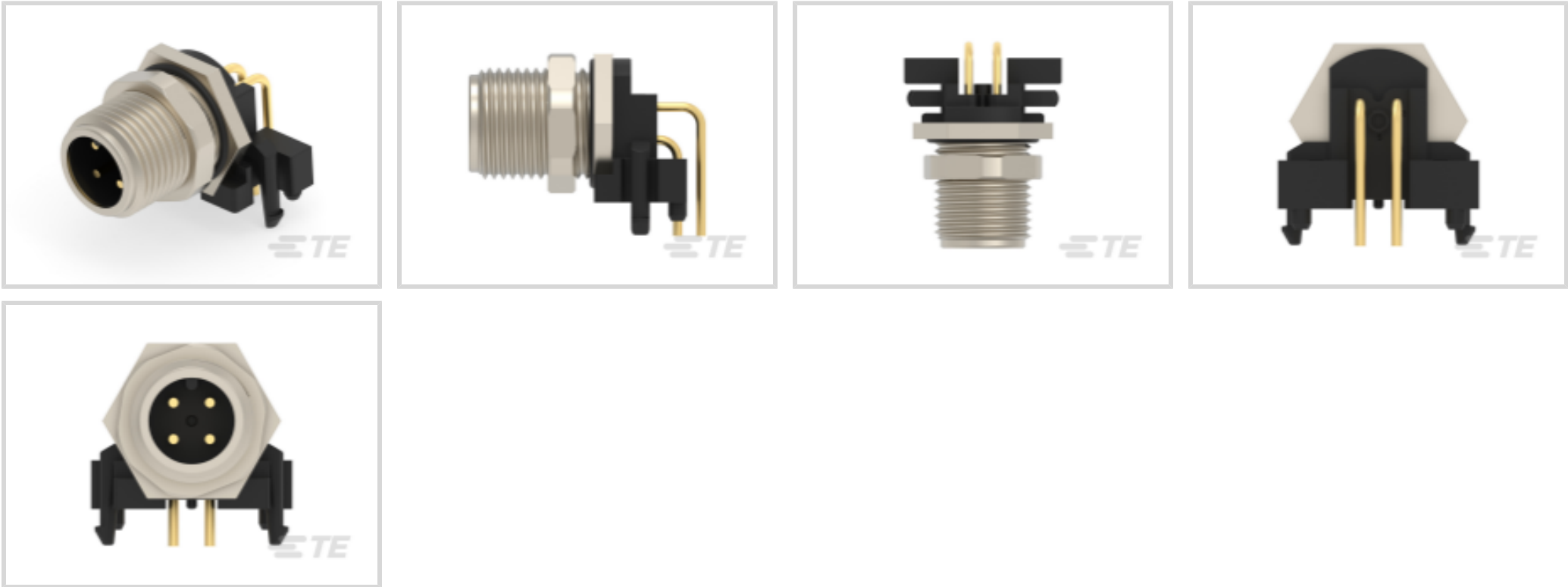
M12 Connector

TE Internal #: T4144015041-000

4 Position Circular Connector, Wire-to-Panel, Sealable, Wire & Cable, Signal, Panel Mount & Board Mount, Reverse Gender, Nickel, M12 Connector

[View on TE.com >](#)

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



Connector System: **Wire-to-Panel**
Connector Mounting Type: **Panel Mount & Board Mount**
Number of Positions: **4**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**

[All M12 Panel Mount PCB \(102\)](#)

Features

Product Type Features

Assembly Requirement	Factory Assembled
Assembly Type	Electrical Connector
Circular Connector Shell Type	Metal-Shell
Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Number of Positions	4
Number of Power Positions	0
Number of Signal Positions	4



Contacts Preloaded	Yes
Body Features	
Primary Product Color	Black
Shell Plating Material	Nickel
Shell Base Material	Copper Alloy
Circular Connector Insulation Material Type	Polyamide GF
Hermetically Sealed	Yes
Contact Features	
Contact Current Rating (Max)	4 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin
Mechanical Attachment	
Connector Mounting Type	Panel Mount & Board Mount
Polarization Code	A
Mating Alignment Type	Keyed
Housing Features	
Circular Connector Shell Size	12
Usage Conditions	
IP Dust Sealing Level	6
IP Water Sealing Level	7
Operating Temperature Range	-40 – 85 °C[-40 – 185 °F]
Operation/Application	
Circuit Application	Signal
Shielded	No
Industry Standards	
UL Flammability Rating	UL 94HB
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 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

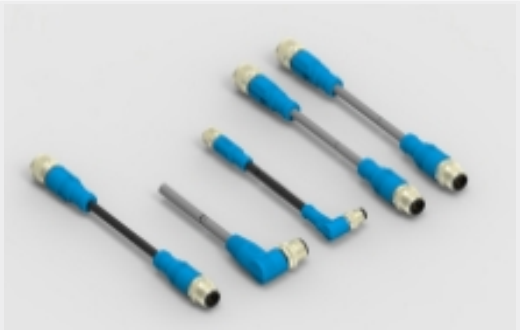
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # T4110001041-000
M12,FEMALE,STRAIGHT,A CODE,4P, PG7,GOLD

Also in the Series | M12 Connector

 Connector Hardware(11)	 Connector Seals & Cavity Plugs(4)	 M8/M12 Cable Assemblies(230)	 Standard Circular Connectors(792)
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Customers Also Bought



TE Part #354180-E
MSPEED 50 F SMD F10 B AB VV 137 094 **



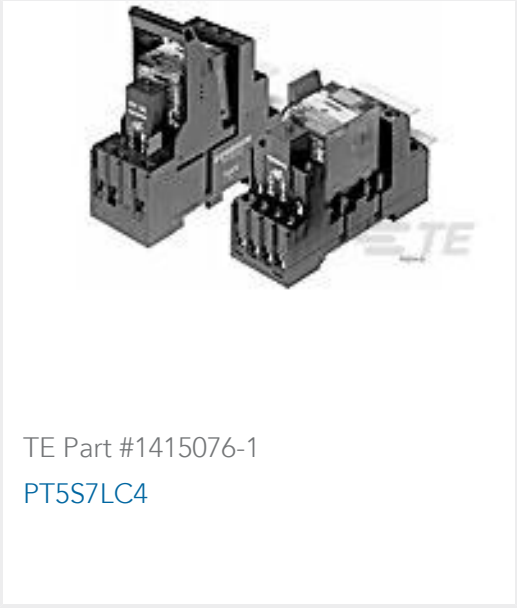
TE Part #T4145015081-002
M12 RA PCB CONN. Female 8 P UN SHIELD



TE Part #T4171210505-001
M12,FRONT MOUNTING,MALE,D,5P, 0.2M WIRE



TE Part #CAT-C73765-M1H
M12 Panel Mount PCB



TE Part #1415076-1
PT5S7LC4



TE Part #1-1571983-4
GDH10STR04=DIP SWITCH



TE Part #3-1571999-6
ADP1004=PIANO DIP SWITCH



TE Part #6-2176378-8
RQ 0805 49R9 0.1% 10PPM 5K RL



TE Part #3-2176379-3
RQ 0805 232R 0.1% 10PPM 5K RL

Documents

Product Drawings
M12 R/A M PNL REAR A-CODE 4P PCBSTD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_T4144015041-000_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_T4144015041-000_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_T4144015041-000_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

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL

English