



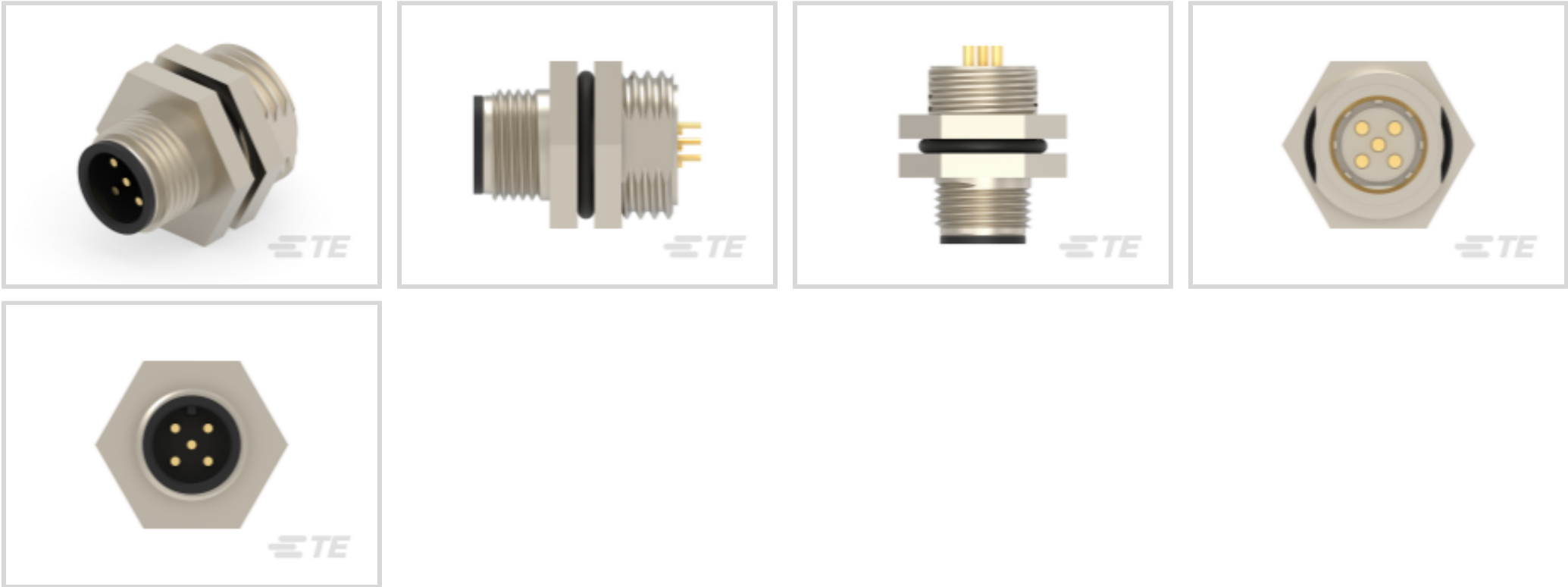
M12 Connector

TE Internal #: 1838893-3

Wire-to-Panel, 5 Position, Sealable, Wire & Cable, Signal, Panel Mount, Reverse Gender, Unplated, Plastic, M12 Connector, Standard Circular Connectors

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Panel**
Connector Mounting Type: **Panel Mount**
Number of Positions: **5**
Sealable: **Yes**
Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Product Type	Connector Assembly
Accessory Color	Black
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	Plastic

Configuration Features

Number of Positions	5
Number of Power Positions	0



Number of Signal Positions	5
Contacts Preloaded	Yes

Electrical Characteristics

Operating Voltage	500 VAC
-------------------	---------

Body Features

Environmental Protection Type	Sealed
Environmental Protection	With
Shell Plating Material	Unplated
Shell Base Material	Plastic
Circular Connector Insulation Material Type	Polyamide
Hermetically Sealed	Yes

Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	Yes
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Alignment	With
Connector Mounting Type	Panel Mount
Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	18
-------------------------------	----

Dimensions

Wire Size	.25 – .5 mm ²
-----------	--------------------------

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	No

Packaging Features



Packaging Quantity	50
--------------------	----

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
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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 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>

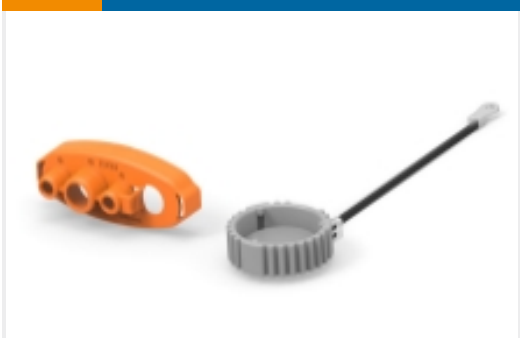
Compatible Parts



TE Part # T4133012041-000
M12,FRONT MOUNT,FEMALE,A,4P,
SOLDER WIRE



Also in the Series | M12 Connector



Connector Caps & Covers(5)



Connector Hardware(12)



Connector Seals & Cavity Plugs(4)



M8/M12 Cable Assemblies(230)



Standard Circular Connectors(803)

Customers Also Bought



TE Part #1-1630019-6
HSC200 2R2 5%



TE Part #4-1625999-7
HSC100 6R4 5%



TE Part #175164-1
250 PL EX REC. 18-14AWG ST



TE Part #1-1614885-4
CPF 0805 270K 0.1% 25PPM 1K RL



TE Part #YDTS26W11-02SNV001
PLUG ASSY



TE Part #130017
SOLIS R 22-16 5MM



TE Part #1-1546306-4
14P.374" DR BARRIER STRIP



TE Part #1SNA176230R0200
BJM5D-10



TE Part #CT02933001
CL105-7X2X0.75-PO-OCK5500



TE Part #3-1904022-2
V23234A1001X036-EV-100



Documents

Product Drawings

M12 Mtl MALE PNL CONN. Sldr Re

English

CAD Files

Customer View Model

ENG_CVM_1838893-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1838893-3_C.3d_stp.zip

English

Customer View Model

ENG_CVM_1838893-3_C.2d_dxf.zip

English

3D PDF

English

Customer View Model

ENG_CVM_CVM_1838893-3_D.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1838893-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1838893-3_D.3d_igs.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

Product Specifications

Application Specification

English