



M12 Connector

TE Internal #: 1838275-1
Cable-to-Cable, 3 Position, Sealable, Wire & Cable, Signal, Cable Mount (Free-Hanging), Reverse Gender, M12 Connector, Standard Circular Connectors

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
Connector Mounting Type: **Cable Mount (Free-Hanging)**
Number of Positions: **3**
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	All Plastic
Connector Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Plastic

Configuration Features

Factory Installed Backshell	Without
Number of Positions	3



Number of Power Positions	0
Number of Signal Positions	3
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	PA
Hermetically Sealed	Yes

Contact Features

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

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	A
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	15
-------------------------------	----

Dimensions

Wire Size	.34 – .5 mm ²
-----------	--------------------------

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

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



Other

Field Serviceable	Yes
-------------------	-----

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 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.31% 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Hand solderable with lead free solder

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 # T4111001031-000
M12,MALE,STRAIGHT,A CODE,3P, PG7,GOLD



TE Part # 1838274-1
M12 Fld Ser CONN. Female Skt Sldr




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 #213847-3
POWERBAND Contacts



TE Part #5745410-7
09 PLUG SP/MS STD



TE Part #5745434-8
09 PLUG RA/MS 454



TE Part #5747150-4
09 RCPT SP/FMS STD



TE Part #5745172-2
15 POS STRAIN RELIEF KIT



TE Part #5227222-3
VERT JK W/MTG PINS, BNC PCB



TE Part #7-1452671-2
MCON 1.2 LL REC SWS AU



TE Part #1-1776294-2
TSB23012=EUROPA TERM BLK,8MM



TE Part #CONREVSMA004
RP-SMA Jack 50 Ohm Panel Mount



Documents

Product Drawings

M12 Fld Ser CONN. Male Pin Sldr

English

CAD Files

Customer View Model

ENG_CVM_CVM_1838275-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1838275-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1838275-1_B.3d_stp.zip

English

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

Product Specification

English