

1838247-3 x OBSOLETE



M12 Connector

TE Internal #: 1838247-3

TE Internal Description: M12 FEMALE CONN. , STRAIGHT, PUR CABLE

[View on TE.com >](#)

Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies



Number of Positions: 5

Connector Type (End A): M12 Socket

Cable Assembly Type: M12 Pigtail

Connector Orientation (End A): Straight

Cable Assembly Length: 5 m

Features

Product Type Features

LED	Without
Cable Type	PU
Product Type	Cable Assembly
Connector Type (End A)	M12 Socket
Cable Assembly Type	M12 Pigtail

Configuration Features

Number of Positions	5
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Body Features

Connector Color	Black
Wire Color	Brown, White, Blue, Black, Green
Cable Exit Angle	Straight
Environmental Protection	With
Cable Jacket Color	Black
Insulation Material	PUR

Mechanical Attachment

Screw & Hole Thread Size	M12
Connector Orientation (End A)	Straight

Housing Features

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Housing Material	Polyurethane
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Dimensions

Overall Outside Cable Diameter	5 mm
Conductor Diameter	.65 mm
Wire Size	.34 mm ²

Usage Conditions

Operating Temperature Range	-25 – 90 °C
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Operation/Application

Shielded	No
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Packaging Features

Packaging Method	Bag
Packaging Quantity	25

Other

Cable Assembly Length	5 m
Cable Assembly Configuration	Single Ended

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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 2022 (224) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
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>

Also in the Series | M12 Connector



M8/M12 Cable Assemblies(230)



Standard Circular Connectors(519)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1838247-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1838247-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1838247-3_B.3d_stp.zip](#)

English

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