



Cable Assemblies > Copper Cable Assemblies > M8/M12 Cable Assemblies > M12 A-CODE FEMALE STRAIGHT PIGTAIL



M8/M12 Application Type: **Sensor/Actuator**

Number of M8/M12 Cable Assembly Positions: **8**

M8/M12 Cable Assembly Keying: **A**

M8/M12 Cable Assembly Connector Type: **Receptacle**

M8/M12 Cable Assembly Type: **M12 Pigtail**

[All M12 A-CODE FEMALE STRAIGHT PIGTAIL \(56\)](#)

Features

Product Type Features

Product Type	Cable Assembly
Cable Type	PUR
Assembly Type	Pigtail
M8/M12 Cable Assembly Connector Type	Receptacle
M8/M12 Cable Assembly Type	M12 Pigtail
M8/M12 Cable Assembly Shielded	No

Configuration Features

Configuration Number	A
Number of M8/M12 Cable Assembly Positions	8
M8/M12 Cable Assembly Keying	A
M8/M12 Cable Assembly Configuration	Single Ended

Electrical Characteristics

Operating Voltage	30 VDC
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Body Features

Cable Exit Angle	Straight
Environmental Protection	With
Connector Color	Blue



Wire Color	Brown, White, Blue, Black, Gray, Pink, Violet, Orange
Insulation Material	PUR
Cable Jacket Color	Gray

Contact Features

Contact Current Rating	2 A
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Mechanical Attachment

Screw & Hole Thread Size	M12
M8/M12 Cable Assembly Mounting Angle	Straight

Housing Features

M8/M12 Cable Assembly Housing Material	Plastic
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Dimensions

Overall Outside Cable Diameter	6 mm[.236 in]
Wire Size	.205 mm²
Cable Assembly Length	5000 mm

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]
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Operation/Application

M8/M12 Application Type	Sensor/Actuator
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Packaging Features

Packaging Method	Box
Packaging Quantity	25

Other

Field Serviceable	Yes
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211)



Candidate List Declared Against: JAN 2021 (211)
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 # CAT-SE594-M1II
M12 A-CODE MALE STRAIGHT PIGTAIL



TE Part # CAT-SE594-M1HH
M12 A-CODE MALE STRT SINGLE ENDED CABLE

Customers Also Bought



TE Part #1-2273104-3
M12 A-CODE FR/A LED SINGLE ENDED CABLE



TE Part #1-2823588-4
M12 R/A CRIMPED STRAIN RELIEF



TE Part #1623722-5
Wirewound Resistor: Axial Mount, 17 Watt



TE Part #T4070014041-001
M8 Panel Mount Wire

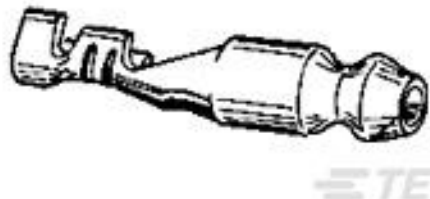




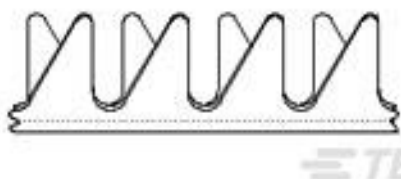
TE Part #1546413-3
ETHERNET RJ-45 BLKHD PASSTHRU



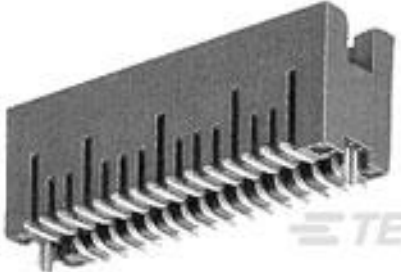
TE Part #2273040-3
M12 A-CODE MALE STRAIGHT
PIGTAIL



TE Part #1-1627117-2
H2782/R3000



TE Part #1-1659298-0
H29101/R30000



TE Part #104656-7
70 50/50 HDR DRST SFMNT .320



TE Part #1838244-3
M12 FEMALE CONN. , STRAIGHT, P

Documents

Product Drawings

M12 x 1.0 straight socket pigt A

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2273041-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2273041-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2273041-3_A.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

Application Specification

English