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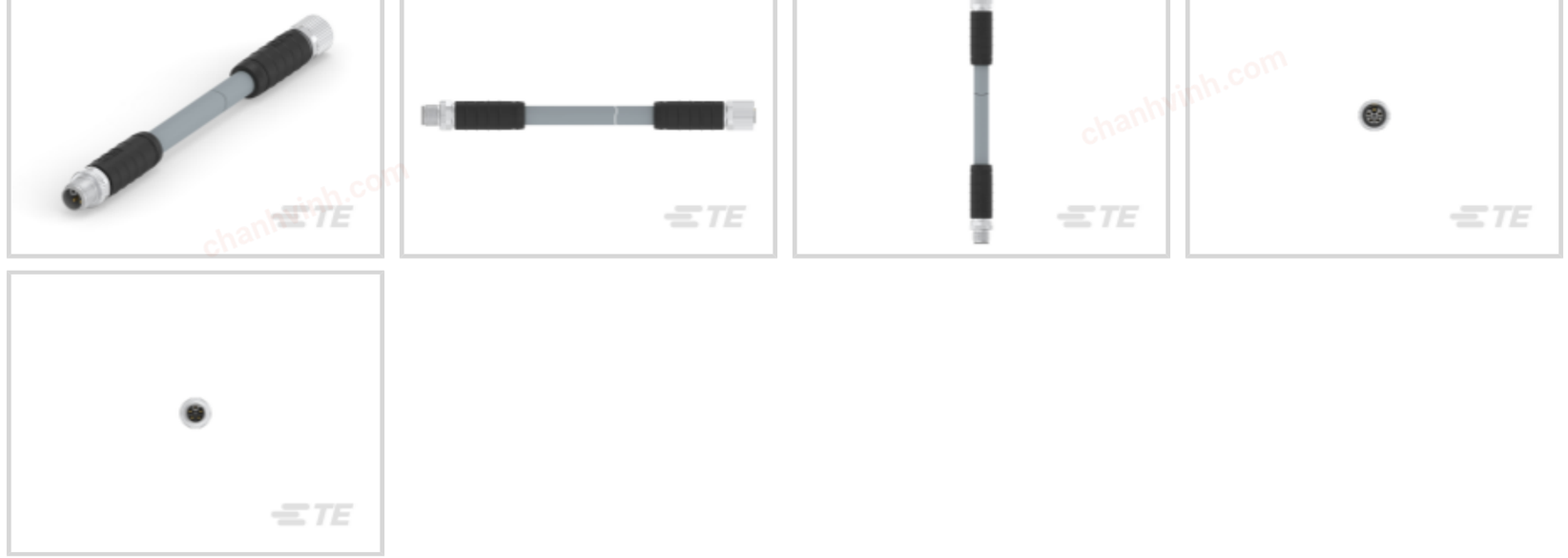
T41625B9L25-003 ✔ ACTIVE

TE Internal #: T41625B9L25-003

M8/M12 Cable Assemblies, Power, 5 Position, Keying L, Plug /Receptacle, M12 to M12, Straight-Straight, Length 1500 mm, Shielded, Double Ended, Nylon

View on TE.com >

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



M8/M12 Application Type: **Power**

Number of M8/M12 Cable Assembly Positions: **5**

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

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

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

Features

Product Type Features

LED	Without
Product Type	Cable Assembly
Cable Type	PUR
Assembly Type	Overmolded
M8/M12 Cable Assembly Connector Type	Plug/Receptacle
M8/M12 Cable Assembly Type	M12 to M12
M8/M12 Cable Assembly Shielded	Yes

Configuration Features

Number of Strands	124
Number of M8/M12 Cable Assembly Positions	5
M8/M12 Cable Assembly Keying	L
M8/M12 Cable Assembly Configuration	Double Ended

Electrical Characteristics

Operating Voltage	63 VDC

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M8/M12 Cable Assemblies, Power, 5 Position, Keying L, Plug/Receptacle, M12 to M12, Straight-Straight, Length 1500 mm, Shielded, Double Ended, Nylon

Body Features

Environmental Protection	IP67
Conductor Material	Copper Alloy
Connector Color	Black
Wire Color	Brown, White, Blue, Black, Gray
Insulation Material	PP
Cable Jacket Color	Gray

Contact Features

Contact Current Rating	16 A

Mechanical Attachment

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

Housing Features

M8/M12 Cable Assembly Housing Material	Nylon

Dimensions

Overall Outside Cable Diameter	10.4 mm
Conductor Diameter	2 mm
Wire Size	2.5 mm^2
Cable Assembly Length	1500 mm

Usage Conditions

Operating Temperature Range	-25 – 85 °C

Operation/Application

M8/M12 Application Type	Power

Packaging Features

Packaging Method	Bag

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

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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: JUL 2021 (219) Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # T4141L12051-000
M12,REAR MOUNT,FEMALE,L,4P+PE, SOLDER PCB



TE Part # T4141L12051-001
M12,REAR MT,F,L,4P+PE,LONGER, SOLDER PCB

Documents

Product Drawings

RPC-M12L-5MS-1.5-5FS-SH PUR 14AWG GY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_T41625B9L25-003_A.2d_dxf.zip

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English

Customer View Model

ENG_CVM_CVM_T41625B9L25-003_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_T41625B9L25-003_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

M12 L-CODE CABLE ASSEMBLY

English

Product Specifications

Application Specification

English