



TE Internal #: 2403850-1
 Cable-to-Cable, Sealable, 180° Cable Exit, 1 Position, A Code,
 Shielded, Housing for Male Terminals, Crimp, Signal, Data
 Connectivity Housings

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Automotive Parts > Automotive Connectors > Data Connectivity Housings



Connector System: **Cable-to-Cable**

Sealable: **Yes**

Cable Exit Angle: **180°**

Number of Positions: **1**

Connector & Keying Code: **A**

Features

Product Type Features

Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Connector System	Cable-to-Cable
Sealable	Yes
Connector & Housing Type	Housing for Male Terminals

Configuration Features

Number of Rows	1
Number of Positions	1

Electrical Characteristics

Nominal Voltage Architecture	60 V
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Body Features

Cable Exit Angle	180°
Connector & Keying Code	A

Contact Features



Mating Tab Width	.5 mm[.02 in]
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Mating Tab Thickness	.4 mm[.015 in]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Color	Black
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Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
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Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Shielded	Yes
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Circuit Application	Signal
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Other

Connector Position Assurance Capable	No
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 1-2461290-1
MATENet plug, 1P, sealed STP, COD A

TE Part # 1670728-1
RADIAL SEAL 6 X 3

TE Part # 2461290-1
MATENet plug, 1P, sealed STP, COD A

TE Part # 1-2461291-1
MATENet plug, 1P, sealed UTP, COD A

TE Part # 2461291-1
MATENet plug, 1P, sealed UTP, COD A

Customers Also Bought



TE Part #2-2298724-3
4P, MATE-AX, PIN HSG ASSY, 180DEG, COD C



TE Part #2302450-1
MATENET, FEMALE INSERT MODUL, BLACK



TE Part #2302452-3
MATENET, FIXATION ELEMENT



TE Part #2-2326910-0
FAKRA AUT, SOC HSG, UNSLD, 180DEG, COD Z



TE Part #1-2368022-4
1PORT, GEMNET, SOC HSG ASSY, 180DEG, COD Z

TE Part #1-2298721-4
4P, MATE-AX, SOC HSG ASSY, 180DEG, COD D

TE Part #2389389-1
MATE-AX, STMPD PIN TRMNL, 180DEG, RTK031

TE Part #2389394-1
CU ALLOY, FERRULE, MATE-AX, RTK031



Documents

Product Drawings

[Matenet inline, 1 port STP sealed, cod A](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2403850-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2403850-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2403850-1_A1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

[Application Specification](#)

English