



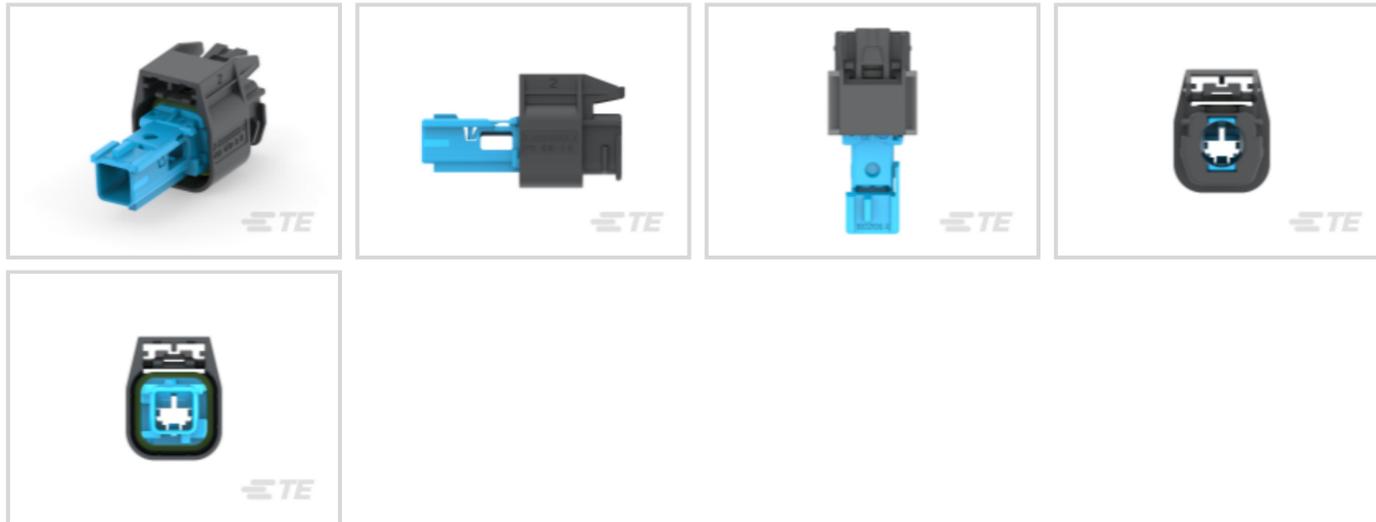
MATenet

TE Internal #: 1802105-3

Cable-to-Board / Cable-to-Cable, Sealable, 180 ° Cable Exit, 1 Position, C Code, Housing for Female Terminals, Data Connectivity Housings

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Automotive Parts > Automotive Connectors > Data Connectivity Housings



Connector System: **Cable-to-Board, Cable-to-Cable**

Sealable: **Yes**

Cable Exit Angle: **180 °**

Number of Positions: **1**

Connector & Keying Code: **C**

Features

Product Type Features

| | |
|-----------------------------------|--------------------------------|
| Connector & Contact Terminates To | Wire & Cable |
| Mixed & Hybrid Connector | No |
| Primary Locking Feature | On the Terminal |
| Connector System | Cable-to-Board, Cable-to-Cable |
| Sealable | Yes |
| Connector & Housing Type | Housing for Female Terminals |

Configuration Features

| | |
|---------------------|------|
| Snap-Lock | With |
| Number of Rows | 1 |
| Number of Positions | 1 |

Electrical Characteristics

| | |
|------------------------------|-------|
| Impedance | 100 Ω |
| Nominal Voltage Architecture | 60 V |

Body Features



| | |
|-------------------------|---------|
| Ferrule | Without |
| Cable Exit Angle | 180 ° |
| Connector & Keying Code | C |

Contact Features

| | |
|----------------------|----------------|
| Mating Tab Width | .5 mm[.02 in] |
| Mating Tab Thickness | .4 mm[.016 in] |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|-----------------|
| Housing Color | Blue |
| Centerline (Pitch) | 1.8 mm[.071 in] |

Dimensions

| | |
|------------------|-------------------|
| Product Length | 17.45 mm[.687 in] |
| Connector Height | 11.4 mm[.45 in] |

Usage Conditions

| | |
|-----------------------------|--|
| Operating Temperature (Max) | 65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[221 °F] |
| Cable Type | UTP |
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |

Operation/Application

| | |
|---------------------------|------------|
| Operating Frequency Range | 0 – .6 GHz |
| Shielded | No |
| Circuit Application | Signal |

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 500 |
| Packaging Method | Box |

Other

| | |
|--------------------------------------|----|
| Connector Position Assurance Capable | No |
|--------------------------------------|----|



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 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Dodecamethylcyclhexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)</p> <p>Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p> |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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 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



Customers Also Bought



Documents



Product Drawings

[MATENET,1PORT,SLD REC,HSG,UTP,COD C](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1802105-3_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1802105-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1802105-3_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English