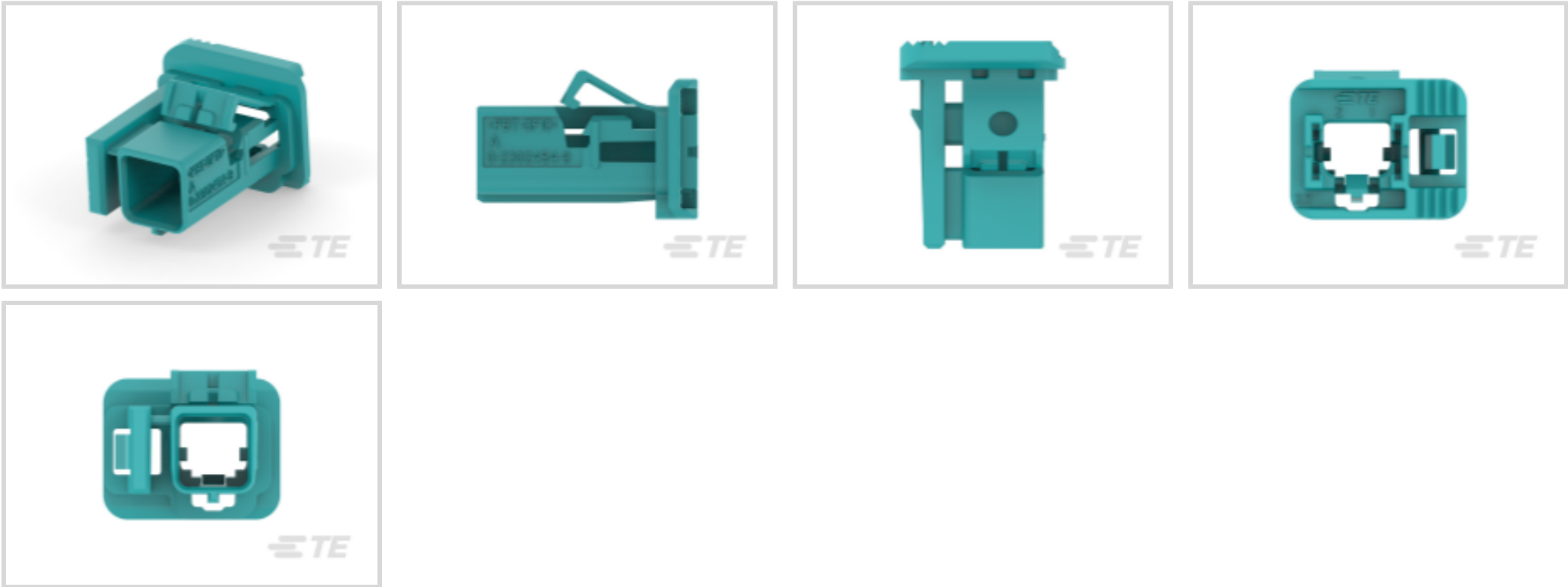




Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V, 24 V, 48 V

Connector & Housing Type: **Housing for Female Terminals**

Number of Positions: 1

Sealable: **No**

Operating Temperature Range: -40 – 105 °C [-40 – 221 °F]

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Primary Locking Feature	Locking Lance
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	1
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V, 48 V
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Body Features

Primary Product Color	Water Blue
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Connector & Keying Code	Z
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Contact Features

Contact Size	.5mm
Contact Type	Receptacle
Mating Tab Width	.5 mm[.019 in]

Mechanical Attachment

Terminal Position Assurance	Yes
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Product Width	17.85 mm[.703 in]
Product Length	14.3 mm[.563 in]
Connector Height	11.35 mm[.447 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Method	Box
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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
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

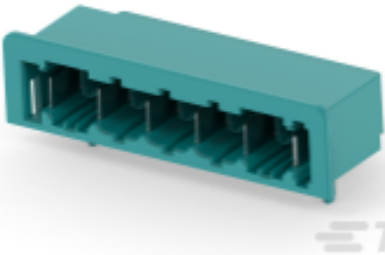
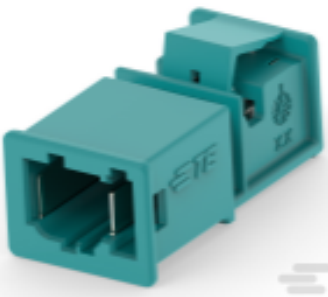
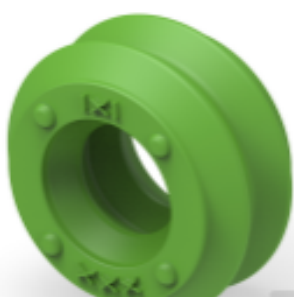


EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not reviewed for solder process capability

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>

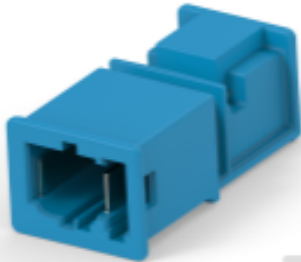
Compatible Parts

 TE Part # 2305390-9 5-PORT MATENET HDR ASSY 90DEG, COD Z	 TE Part # 2302461-9 MATENET INLINE COUPLER, ASSY, COD Z	 TE Part # 1802110-2 COVER, MATENET SEALED PROTECTION, STP	 TE Part # 2371101-9 MATENET, INLINE COUPLER ASSY, COD Z
 TE Part # 4-1579014-0 CS11K NANO-MQS, 0.13-0.35 SQ.M	 TE Part # CAT-N53-AT050 0.50 mm Automation Ready Terminals for Automotive Wire Harness Production and Scalable Assembly Automation	 TE Part # 2308956-9 1-PORT MATENET HDR ASSY 180DEG, COD Z	 TE Part # 1802112-2 MATENET SWS FOR UTP-STP





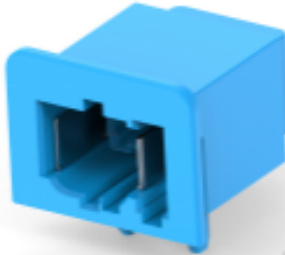
TE Part # 1802112-1
MATENET SWS FOR UTP



TE Part # 4-2302461-3
MATENET INLINE COUPLER, ASSY, COD C



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



TE Part # 2304372-3
MATENET,1-PORT,90DEG,HDR ASSY, COD C



TE Part # 1802110-1
COVER,MATENET SEALED PROTECTION, UTP

Customers Also Bought



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



TE Part #2302452-1
MATENET, FIXATION ELEMENT



TE Part #2302452-3
MATENET, FIXATION ELEMENT



TE Part #2305974-1
2-PORT MATENET FRAME,UTP, COD A



TE Part #2362764-5
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-5
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362764-2
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-1
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-2
MATENET,CABLE ASSY,1 GBPS UTP



TE Part #2362767-6
MATENET,CABLE ASSY,1 GBPS UTP

Documents



Product Drawings

1-PORT MATENET FRAME,UTP, COD Z

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2302454-9_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2302454-9_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2302454-9_A.3d_stp.zip

English

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

Product Specifications

Application Specification

English