



Automotive Parts > Automotive Connectors > Automotive Housings



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

Number of Positions: **2**

Sealable: **No**

Number of Rows: **1**

Connector Position Assurance Capable: **No**

Features

Product Type Features

|                          |                              |
|--------------------------|------------------------------|
| Mixed & Hybrid Connector | No                           |
| Connector Shape          | Rectangular                  |
| Connector & Housing Type | Housing for Female Terminals |
| Sealable                 | No                           |
| Primary Locking Feature  | Integrated in Housing        |
| Connector System         | Wire-to-Wire                 |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
| Number of Rows      | 1 |

Body Features

|                       |       |
|-----------------------|-------|
| Cable Exit Angle      | 180°  |
| Primary Product Color | Black |

Contact Features

|              |      |
|--------------|------|
| Contact Size | .5mm |
|--------------|------|



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

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Strain Relief               | Without                    |
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Polarization               |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA GF          |
| Centerline (Pitch) | 1.8 mm[.07 in] |

Dimensions

|                  |                   |
|------------------|-------------------|
| Product Width    | 15.95 mm[.627 in] |
| Product Length   | 5.25 mm[.206 in]  |
| Connector Height | 4.9 mm[.192 in]   |

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Other

|                                      |    |
|--------------------------------------|----|
| Serviceable                          | No |
| 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 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free                                           |



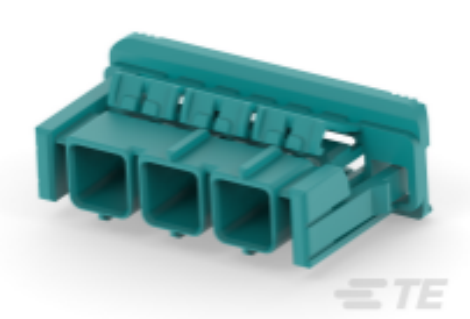
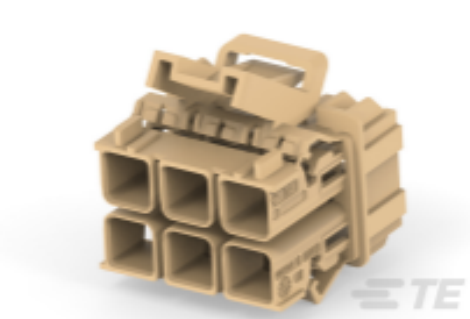
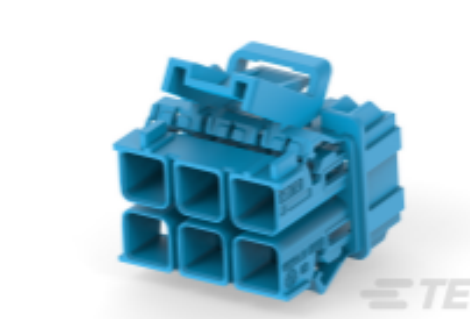
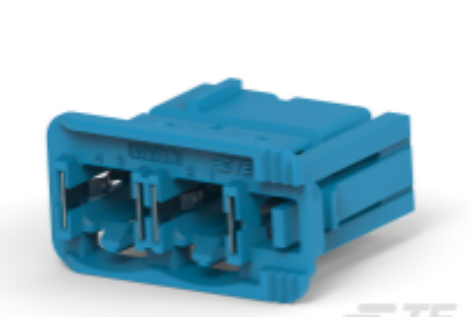
Solder Process Capability

Not 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

|                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                               |                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2324309-9<br/>3-PORT MATENET FRAME, UTP, COD Z</p>     |  <p>TE Part # 2324309-3<br/>3-PORT MATENET FRAME, UTP, COD C</p> |  <p>TE Part # 2334013-7<br/>2X3 PORT,MATENET,FRAME housing, COD J</p>    |  <p>TE Part # 2334013-3<br/>2X3 PORT,MATENET,FRAME housing, COD C</p> |
|  <p>TE Part # 2327450-1<br/>5PORT,MATENET,REC HSG,COD A, SUBASSM</p> |  <p>TE Part # 2307961-3<br/>2-PORT MATENET FRAME,STP, COD C</p>  |  <p>TE Part # 1802105-5<br/>1PORT,MATENET,REC HSG,SLD,COD E,UTP,ASSY</p> |  <p>TE Part # 2357268-1<br/>RING TONGUE TRMNL,STP 0.35MM TERMINAL</p> |
|  <p>TE Part # 9-2348776-1<br/>HD MATEnet 3+0 REC HSG ASSY, GRP E</p> |  <p>TE Part # 2324309-1<br/>3-PORT MATENET FRAME, UTP, COD A</p> |  <p>TE Part # 2334013-2<br/>2X3 PORT,MATENET,FRAME housing, COD B</p>    |  <p>TE Part # 2305974-2<br/>2-PORT MATENET FRAME,UTP, COD B</p>       |





TE Part # 2334013-1  
6 PORT, MATENET, HDR HSG, COD A



TE Part # 1802105-7  
1PORT, MATENET, REC HSG, SLD, COD J, UTP, ASSY



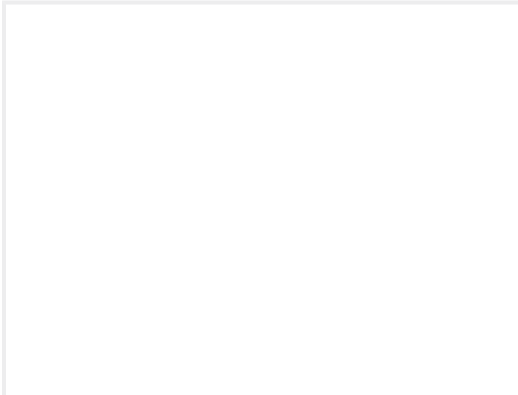
TE Part # 2302452-2  
MATENET, FIXATION ELEMENT



TE Part # 2302510-1  
1-PORT MATENET FRAME, STP, COD A



TE Part # 2305974-9  
2-PORT MATENET FRAME, UTP, COD Z



TE Part # 3-2382219-2  
OCEAN-2.0-APPLICATOR-S-201SP144O-RSD



TE Part # 2305974-3  
2-PORT MATENET FRAME, UTP, COD C



TE Part # 2302510-3  
1-PORT MATENET FRAME, STP, COD C

Customers Also Bought



TE Part #CAT-M8793-T273  
MQS, RECEPTACLE AND TAB



TE Part #1802105-9  
1PORT, MATENET, REC HSG, SLD, COD Z, UTP, ASSY



TE Part #2141360-2  
HANDHOLD, CRIMP BUSHING



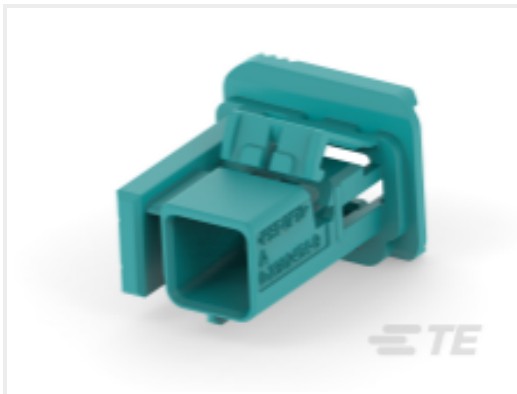
TE Part #2236905-1  
NANO TAB 0.5X0.4, TERMINAL



TE Part #1-2236905-1  
NANO TAB 0.5X0.4, TERMINAL



TE Part #2302452-3  
MATENET, FIXATION ELEMENT



TE Part #2302454-9  
1-PORT MATENET FRAME, UTP, COD Z



TE Part #2302510-9  
1-PORT MATENET FRAME, STP, COD Z

Documents

- Product Drawings

MATENET, FEMALE INSERT MODUL, BLACK

English

MATENET, FEMALE INSERT MODUL, BLACK

English

MATENET, FEMALE INSERT MODUL, BLACK

English

MATENET, FEMALE INSERT MODUL, BLACK



English



MATENET, FEMALE INSERT MODUL, BLACK

English

MATENET, FEMALE INSERT MODUL, BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2302450-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2302450-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2302450-1\_B.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