



enetSEAL+

TE Internal #: 2292906-2

2 Position Housing, Plug, Cable-to-Cable / Wire-to-Wire, 2.54 mm [.1 in] Centerline, Sealable, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging)

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Connectors > Automotive Connectors > Automotive Housings > enetSEAL+ Ethernet Connector Housings



Number of Positions: 2

Connector & Housing Type: Plug

Mating Tab Width: 1.2 mm [.047 in]

Connector System: Cable-to-Cable, Wire-to-Wire

Centerline (Pitch): 2.54 mm [.1 in]

[All enetSEAL+ Ethernet Connector Housings \(8\)](#)

Features

Product Type Features

|                                   |                              |
|-----------------------------------|------------------------------|
| Mixed & Hybrid Connector          | No                           |
| Connector Shape                   | Rectangular                  |
| Connector & Housing Type          | Plug                         |
| Connector System                  | Cable-to-Cable, Wire-to-Wire |
| Sealable                          | Yes                          |
| Primary Locking Feature           | Integrated in Housing        |
| Connector & Contact Terminates To | Wire & Cable                 |

Configuration Features

|                       |   |
|-----------------------|---|
| Blank Cavity Position | 0 |
| Number of Positions   | 2 |
| Number of Rows        | 1 |

Electrical Characteristics

|  |  |
|--|--|
|  |  |
|--|--|



|                   |        |
|-------------------|--------|
| Operating Voltage | 33 VDC |
|-------------------|--------|

Body Features

|                         |       |
|-------------------------|-------|
| Cable Exit Angle        | 180°  |
| Primary Product Color   | Black |
| Connector & Keying Code | B     |

Contact Features

|                              |                 |
|------------------------------|-----------------|
| Contact Size                 | 1.2mm           |
| Contact Type                 | Receptacle      |
| Mating Tab Width             | 1.2 mm[.047 in] |
| Contact Current Rating (Max) | 22 A            |

Mechanical Attachment

|                             |                            |
|-----------------------------|----------------------------|
| Terminal Position Assurance | No                         |
| Mating Alignment Type       | Keyed                      |
| Mating Alignment            | With                       |
| Connector Mounting Type     | Cable Mount (Free-Hanging) |

Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PBT GF20       |
| Centerline (Pitch) | 2.54 mm[.1 in] |

Dimensions

|                    |                  |
|--------------------|------------------|
| Row-to-Row Spacing | 2.54 mm[.1 in]   |
| Product Width      | 19.1 mm[.752 in] |
| Product Length     | 14.8 mm[.582 in] |
| Connector Height   | 30.1 mm[1.18 in] |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F]             |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application

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

Industry Standards

|           |       |
|-----------|-------|
| IP Rating | IPX9K |
|-----------|-------|

Packaging Features

|  |  |
|--|--|
|  |  |
|--|--|



|                    |     |
|--------------------|-----|
| Packaging Quantity | 550 |
| Packaging Method   | Bag |

Other

|                                      |     |
|--------------------------------------|-----|
| Serviceable                          | No  |
| Connector Position Assurance Capable | Yes |

Product Compliance

For compliance documentation, visit the product page on TE.com>

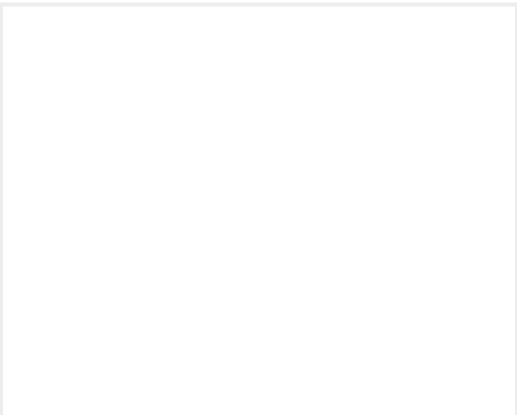
|   |  |
|---|--|
| EU RoHS Directive 2011/65/EU                  | Compliant  |
| EU ELV Directive 2000/53/EC                   | Compliant  |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>SVHC > Threshold:<br>Dodecamethylcyclohexasiloxane (D6) (.5% in 27520056307)<br>Decamethylcyclopentasiloxane (D5) (.5% in 27520056307)<br>Octamethylcyclotetrasiloxane (D4) (.5% in 27520056307)<br><b>Article Safe Usage Statements:</b><br>Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 # 2339032-8  
2POS,TAB1.2X0.6,HDR ASSY,90DEG,SLDR



TE Part # 2-2325102-2  
2POS,TAB1.2X0.6,HDR ASSY,180DEG,SLDR



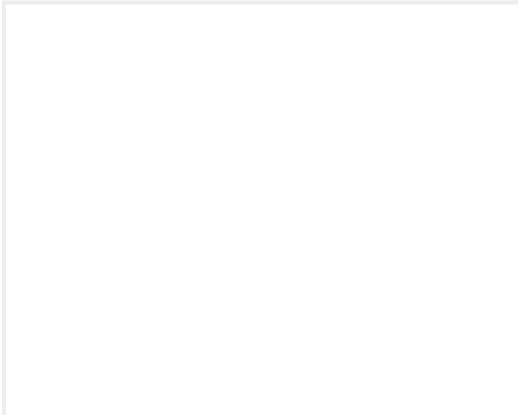
TE Part # CAT-AI5-EH  
enetSEAL+ Ethernet Connector Housings



TE Part # 2366735-3  
2PORT,HYBRID,HDR ASSY,180DEG,COD A,COD B



TE Part # 2844610-1  
EXT TOOL, MCON 1.2 CB




TE Part # 2373314-2  
8POS,MCON 1.2,TAB HSG ASSY,SLD



TE Part # 2339032-2  
2POS,TAB1.2X0.6,HDR ASSY,90DEG,SLDR



TE Part # 2376612-1  
REC HSG,BLIND CAP FOR ENETSEAL PLUG



TE Part # 2373314-1  
8POS,MCON 1.2,TAB HSG ASSY,SLD



TE Part # 1-1452424-3  
BLIND PLUG FOR MCON 1.2 CB (0,75 MM?)



TE Part # CAT-M4595-T273  
MCON Receptacle and Tab



TE Part # 2366735-1  
2PORT,HYBRID,HDR ASSY,180DEG,COD A,COD B

Customers Also Bought



TE Part #EP9948-000  
C5E-26C442XUU9A



TE Part #CAT-T319-CH8172  
TH/.025 CONNECTOR SYSTEM, HOUSING



TE Part #1746089-1  
025/040 44POS COVER V



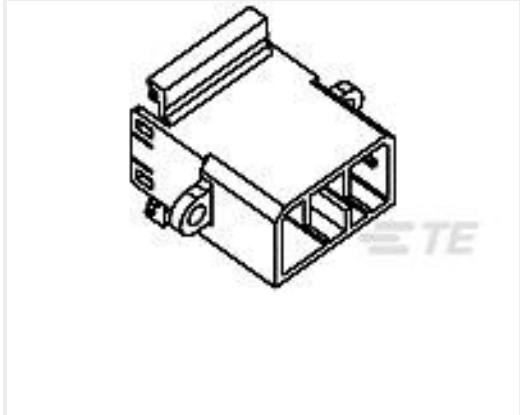
TE Part #1670144-1  
MCON 1.2 CB REC SRC SN



TE Part #DT04-12PA-BE04  
REC, 12P, BLK, E, ENH KEY, CAP, A



TE Part #CAT-AM7801-CH8172  
AMPSEAL 16 Housings



TE Part #1-174938-1  
070 MLC W-W CAP HSG 20P F/A

Documents



Product Drawings

2POS,MCON 1.2,REC HSG ASSY,SLD,COD B

English

2POS,MCON 1.2,REC HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2292906-2\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2292906-2\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2292906-2\_B.3d\_stp.zip

English

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

Datasheets & Catalog Pages

DATA CONNECTIVITY SOLUTIONS

English

CONNECTIVITY SOLUTIONS FOR INFOTAINMENT APPLICATIONS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English