

2292906-2 ✓ ACTIVE

enetSEAL+ | MCON 1.2mm

TE Internal #: 2292906-2

12 V, 2 Position, Automotive Plug, Cable-to-Cable / Wire-to-Wire,
2.54 mm [.1 in] Centerline, Sealable, Black, Wire & Cable, Signal,
MCON 1.2mm

[View on TE.com >](#)



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



Nominal Voltage Architecture: 12 V

Connector & Housing Type: Plug

Number of Positions: 2

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

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

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Plug
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Cable-to-Cable, Wire-to-Wire
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
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180 °
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Primary Product Color	Black
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Connector & Keying Code	B
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Contact Features

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

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

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

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

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

Circuit Application	Signal
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Industry Standards

IP Rating	IPX9K
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Packaging Features



Packaging Quantity	550
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Packaging Method	Bag
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Other

Serviceable	No
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Connector Position Assurance Capable	Yes
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in 27520056307) Dodecamethylcyclohexasiloxane (D6) (.5% in 27520056307) Decamethylcyclopentasiloxane (D5) (.5% in 27520056307)</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>
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Not reviewed 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 # 2339032-8
2POS,TAB1.2X0.6,HDR ASSY,90DEG,SLDR



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



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



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



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



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



TE Part # 2496382-1
REC CONN CVR, 2POS, MCON 1.2, NARROW



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 # 2507297-1
REC CONN CVR ASSY,2POS,MCON 1.2,NARROW



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

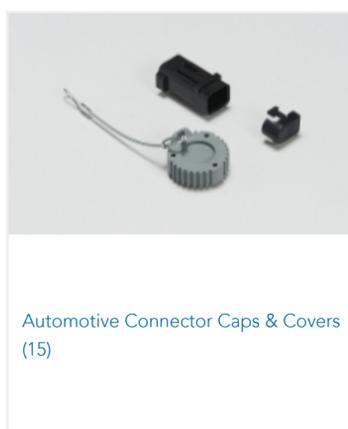


TE Part # CAT-M4595-T273
MCON Receptacle and Tab

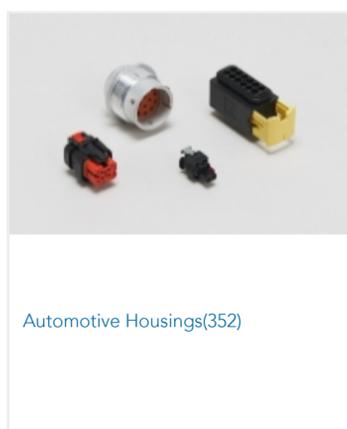


TE Part # 1-1452424-3
BLIND PLUG FOR MCON 1.2 CB (0,75 MM?)

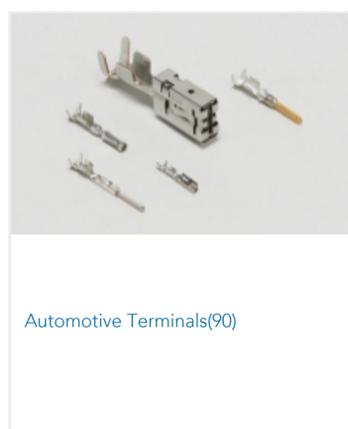
Also in the Series | **MCON 1.2mm**



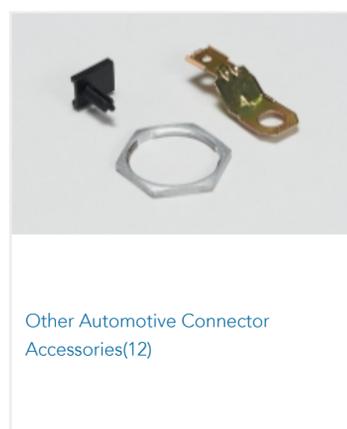
Automotive Connector Caps & Covers (15)



Automotive Housings(352)



Automotive Terminals(90)



Other Automotive Connector Accessories(12)

Customers Also Bought



TE Part #DRCP28-86SA
PLG, 86P, BLK, 12/20, A



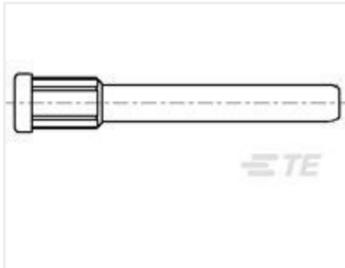
TE Part #YHDP24-18-14PEC041
REC, 14P, BLK, E, KEY, 16, P



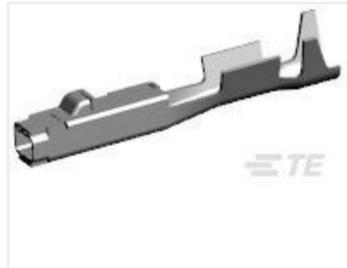
TE Part #DT06-12SA-EP08
PLG, 12P, BLK, N, SEAL RET, ENH KEY, CAP, A



TE Part #CAT-T319-T273
TH/.025 CONNECTOR SYSTEM,
RECPT AND TAB



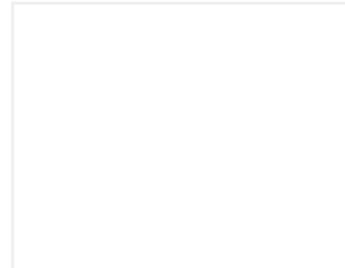
TE Part #1612108-4
025/040 CAVITY PLUG



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



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



TE Part #CG3675-000
CI-468480

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