

3-1718806-1 ✓ ACTIVE

MCON | MCON 1.2mm

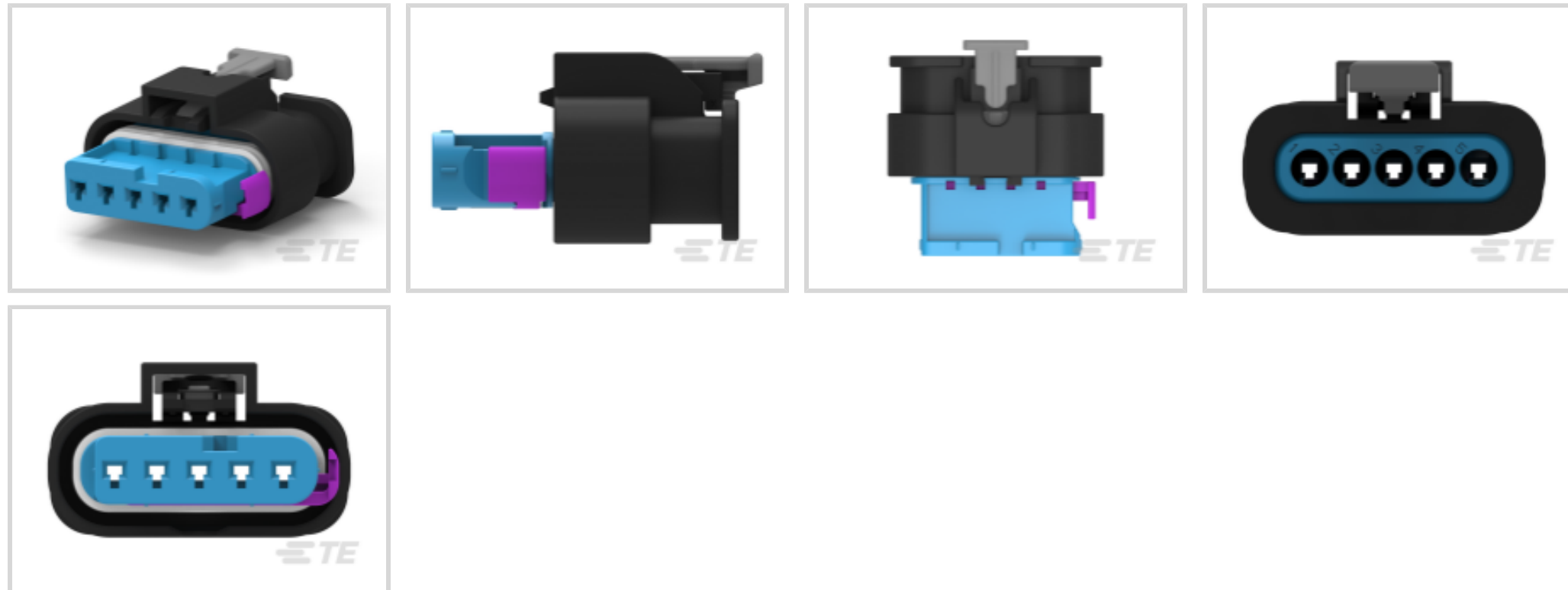
TE Internal #: 3-1718806-1

Housing for Female Terminals, Wire-to-Wire, 5 Position, .157 in [4 mm] Centerline, Sealable, Blue, Wire & Cable, Power & Signal, MCON 1.2mm

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Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Wire**

Number of Positions: **5**

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

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

Features

Product Type Features

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

Configuration Features

Blank Cavity Position	0
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	12 VAC
Nominal Voltage Architecture	12 V, 24 V



Body Features

Cable Exit Angle	180°
Primary Product Color	Blue
Connector & Keying Code	C

Contact Features

Contact Size	1.2mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm [.047 in]
Contact Current Rating (Max)	15 A

Mechanical Attachment

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

Housing Features

Housing Material	PA
Centerline (Pitch)	4 mm [.157 in]

Usage Conditions

Operating Temperature (Max)	130 °C [266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K9K
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Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

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
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

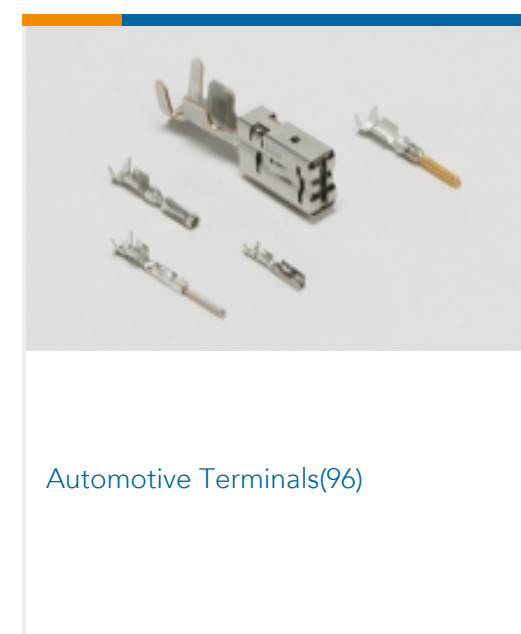
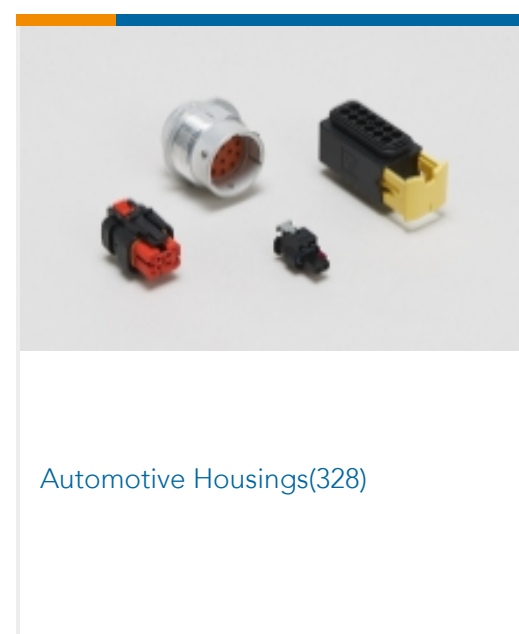
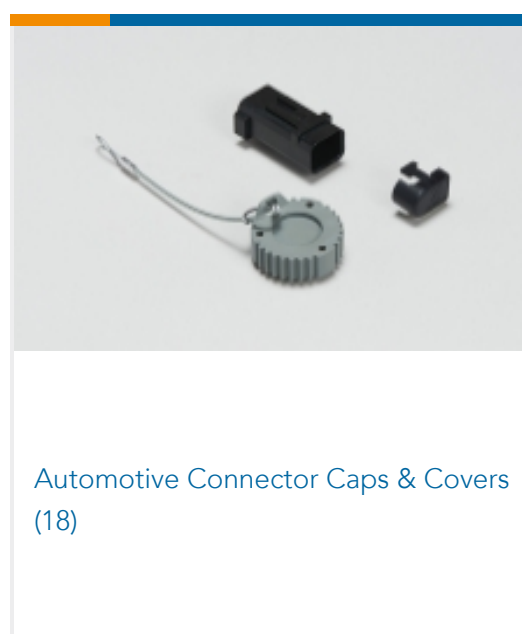
Product Compliance Disclaimer

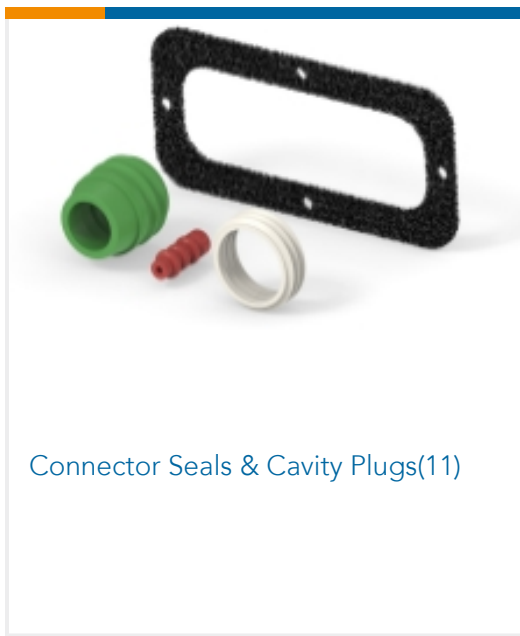
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

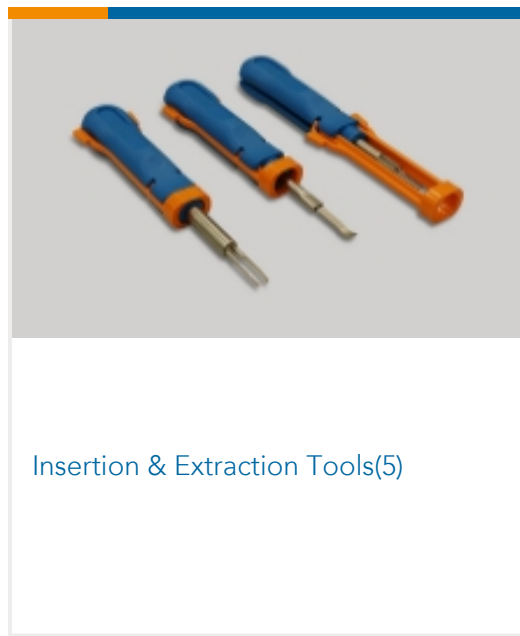


Also in the Series | MCON 1.2mm

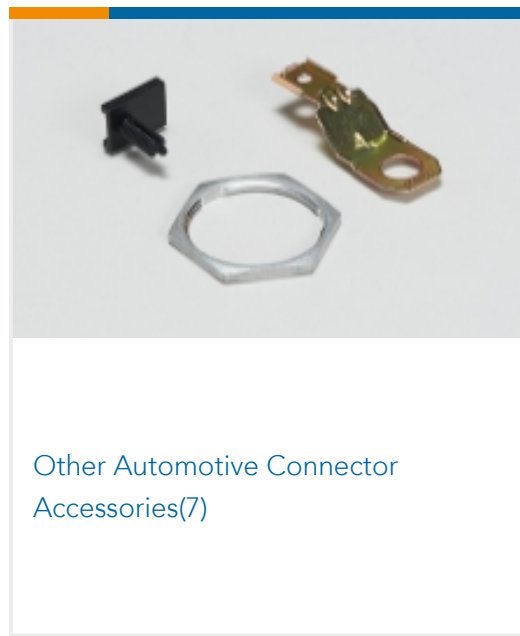




Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(5)



Other Automotive Connector Accessories(7)

Customers Also Bought



TE Part #1801600-1
RECEPTACLE HOUSING, MCON, 10 W, SEALED



TE Part #2219501-2
060 4P PLUG ASSY



TE Part #CH03076001
QSZH-125-NR500-27MM



TE Part #1-344276-1
2 WAY REC. HSG. NBR. SEALECONO



TE Part #1-1801175-5
2W RECEPTACLE HP CONNECTOR GREEN



TE Part #2300007-1
24POS,0.64 MALE GEN. Y,PIN HSG, ASSY



TE Part #2300010-1
24POS,0.64 GENER. Y,REC HSG,ASSY



TE Part #2300010-2
24POS,0.64 GENER. Y,REC HSG ASSY



TE Part #2334270-1
80POS,0.64 GENER. Y,TAB HSG ASSY, SLD



TE Part #2-1419158-1
HARNESS HSG(GEM)23P

Documents

Product Drawings

5POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1718806-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_3-1718806-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1718806-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English