

1-1718806-1 ✓ ACTIVE

AMP | MCON Interconnection System

TE Internal #: 1-1718806-1

Housing for Female Terminals, Wire-to-Wire, 5 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, MCON Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



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

Mating Tab Width: **1.2 mm [.047 in]**

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

Number of Positions: **5**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	5
Number of Rows	1

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

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)	15 A
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Mechanical Attachment

Terminal Position Assurance	Yes
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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	PA
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Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Connector Height	16.5 mm[.65 in]
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Product Width	26.5 mm[1.043 in]
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Product Length	28.7 mm[1.13 in]
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Usage Conditions

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

Circuit Application	Power & Signal
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Industry Standards

Degree of Protection	IP6K9K
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Other

Serviceable	Yes
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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	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	
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Current ECHA Candidate List: JUNE 2023 (235)
 Candidate List Declared Against: JUNE 2023 (235)
 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 applicable for solder process capability

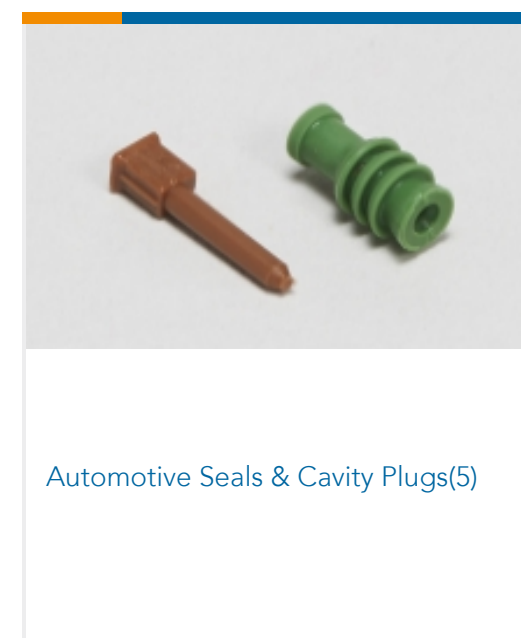
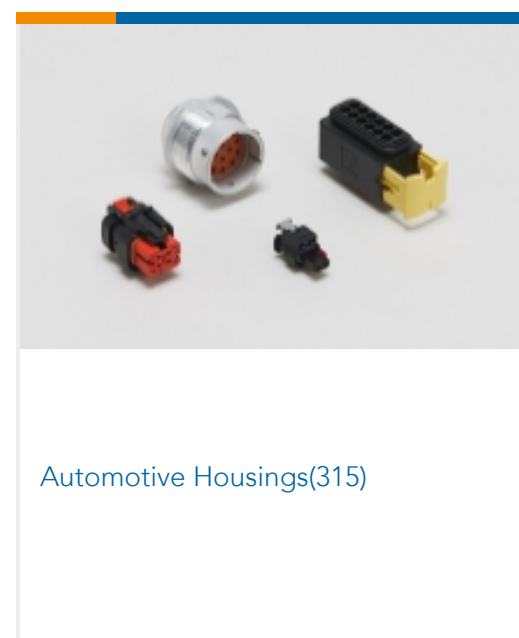
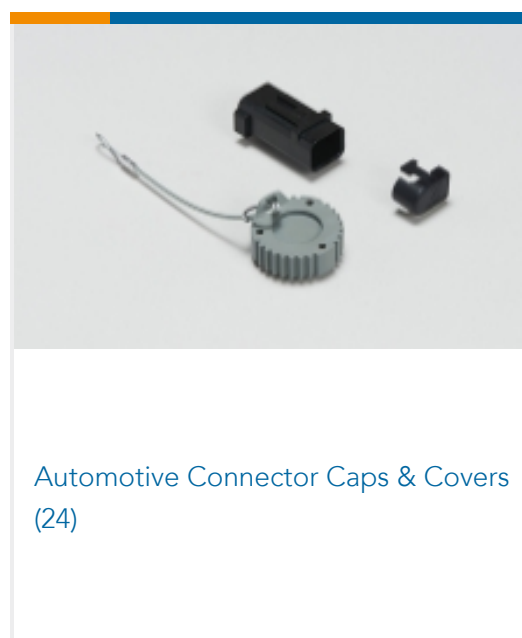
Product Compliance Disclaimer

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 Interconnection System





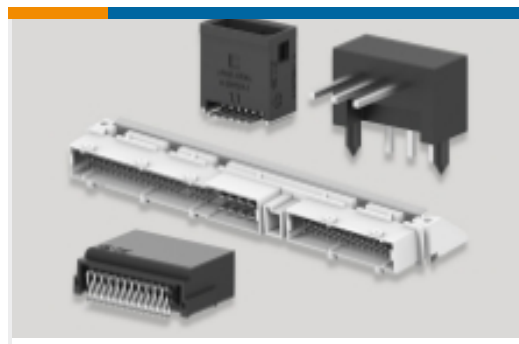
Automotive Terminals(118)



Insertion & Extraction Tools(31)

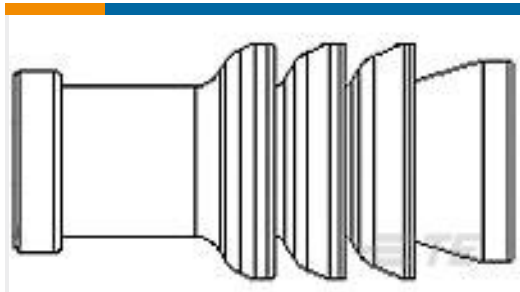


Other Automotive Connector Accessories(7)

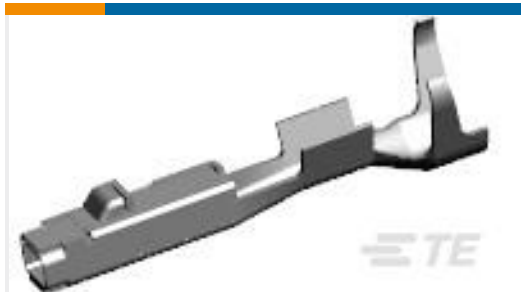


PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #967067-1
MQS SGL WIRE SEAL



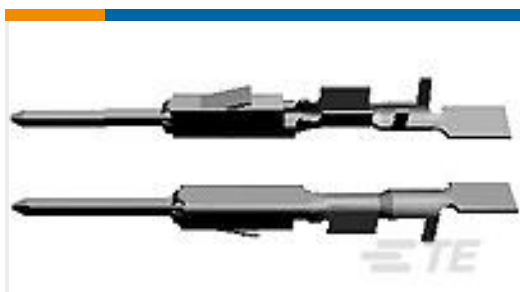
TE Part #1670146-1
MCON 1.2 CB REC SWS SN



TE Part #964265-3
TAB A 1.6x0.6 CONTACT CS SRC Au



TE Part #284875-2
20 POS FEMALE CONN ASSY



TE Part #5-962886-2
MQS0,63 Au tab LL EDS 0,2-0,5



TE Part #2050831-2
JCOVER FOR 2P SENSOR CONNECTOR



TE Part #284443-5
COVER + LEVER FOR 12 POS MQS



TE Part #7-2266118-7
OCEAN_2.0_SPARE_PART_KIT-069F0800



TE Part #7-2266258-7
OCEAN_2.0_SPARE_PART_KIT-094F1610



TE Part #2050046-4
2POS 2.8MM SENSOR PLUG ASSY.

Documents

Product Drawings

5POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1718806-1_E.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1-1718806-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1718806-1_E.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[MCON Interconnection System](#)

English

Product Specifications

[Application Specification](#)

English