

1-1719393-1

✓ ACTIVE

AMP | MCON Interconnection System

TE Internal #: 1-1719393-1

Housing for Female Terminals, Wire-to-Wire, 8 Position, .157 in [4 mm] Centerline, Sealable, Black, Wire & Cable, MCON Interconnection System

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Connectors > Automotive Connectors > Automotive Housings

Connector System: **Wire-to-Wire**Number of Positions: **8**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

Number of Positions	8
Number of Rows	1

Electrical Characteristics

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

Body Features

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

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 GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Height	16.5 mm[.65 in]
Product Width	26.5 mm[1.043 in]
Product Length	40.7 mm[1.602 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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Packaging Features

Packaging Quantity	1500
Packaging Method	Box

Other

Serviceable	Yes
Connector Position Assurance Capable	Yes

Product Compliance

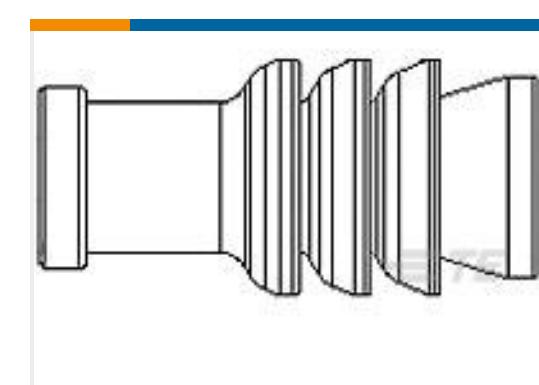
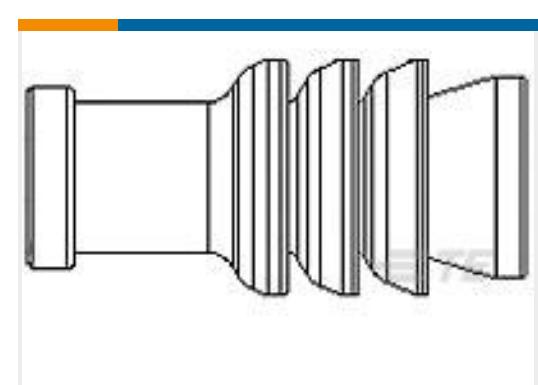
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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 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

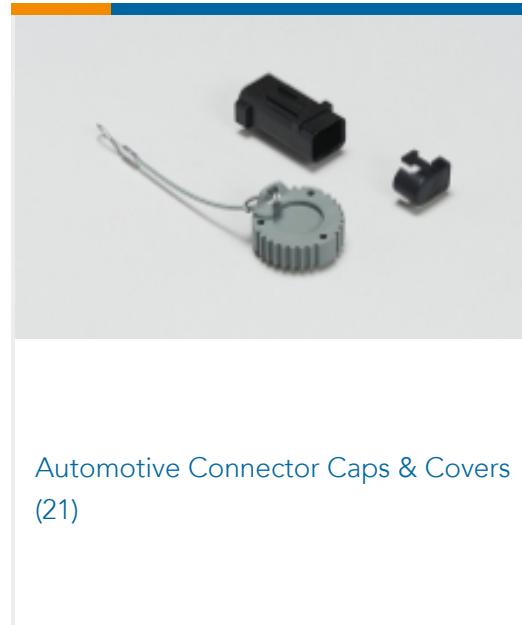
Product Compliance Disclaimer

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

 TE Part # 5-1579007-3 EXTRACTION TOOL	 TE Part # 967067-1 MQS SGL WIRE SEAL	 TE Part # 967067-2 MQS EINZELLEITDICHT	 TE Part # CAT-M4595-T273 MCON Receptacle and Tab
 TE Part # 1-1703506-1 8POS, MCON 1.2 LL TAB SEALED COD A	 TE Part # 1670036-1 8POS, MCON 1.2 - PROTEC. COVER		

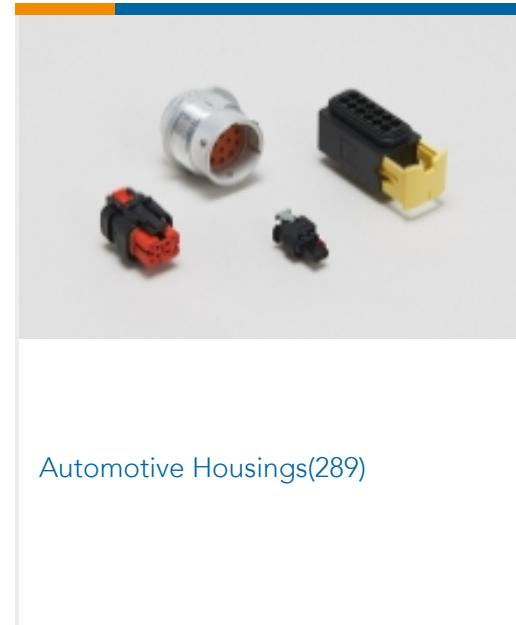
Also in the Series | MCON Interconnection System



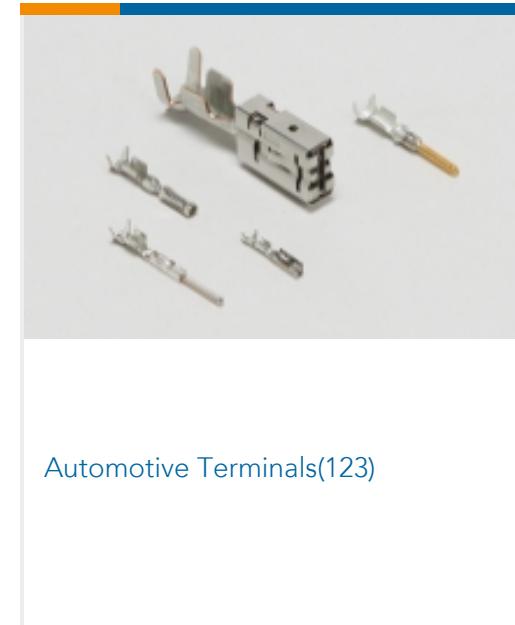
Automotive Connector Caps & Covers (21)



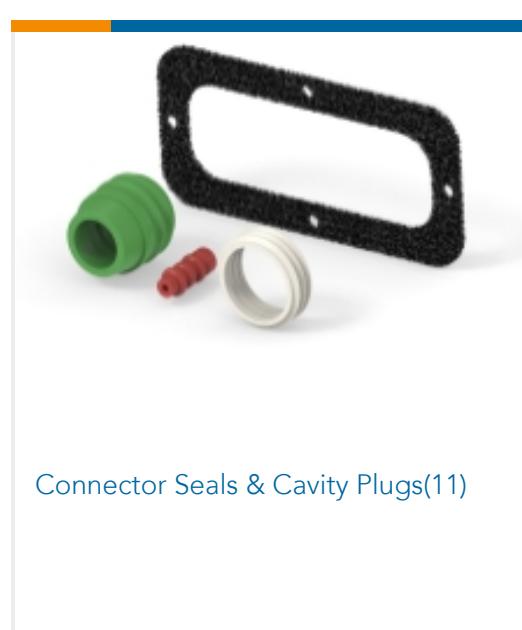
Automotive Connector Locks & Position Assurance(11)



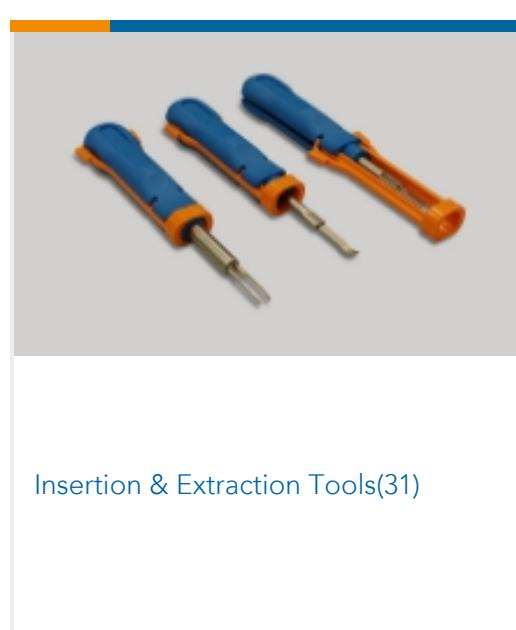
Automotive Housings(289)



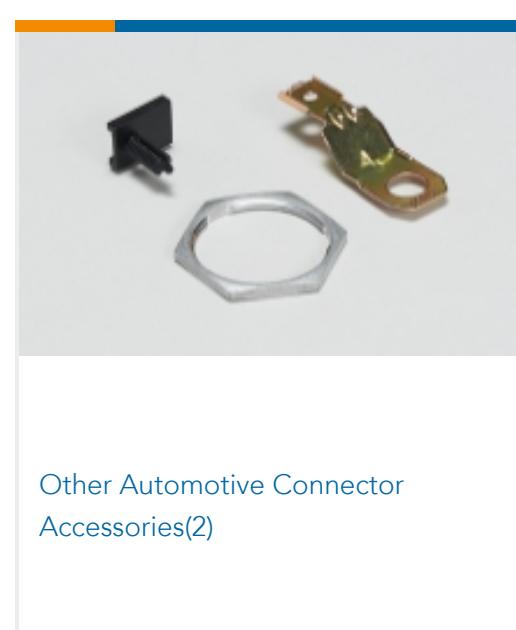
Automotive Terminals(123)



Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)

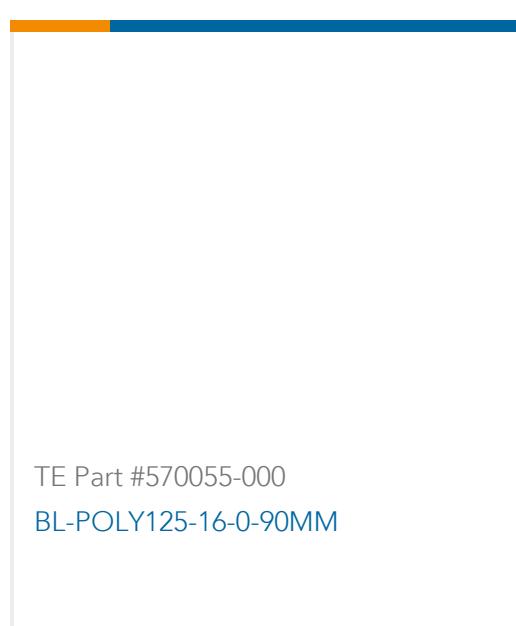


Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(3)

Customers Also Bought

TE Part #284820-1
2 pos 070 New GenerationTE Part #539515-000
ES2000-NO.3-B8-0-65MMTE Part #1326140-1
32WAY LAC SHIELD ASSEMBLY 70 DTE Part #1438761-6
22WAY HYBRID .040/2.8 PLUG ASSY
KEY'A'TE Part #1-2351078-1
38POS,HYBRID,REC HSG ASSY,UNSLDTE Part #2209893-1
BCM 14P MCP2.8 SOCKETTE Part #2379014-1
TPA REC HSG,AMP MCP 2.8TE Part #2209895-3
BCM 14P MCP2.8 COVER ASSYTE Part #2819293-1
PIVOTED ARM ASSEMBLYTE Part #570055-000
BL-POLY125-16-0-90MM

Documents

Product Drawings

8POS, MCON 1.2 LL REC SEALED

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1719393-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1719393-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1719393-1_E.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

MCON Interconnection System

English

Product Specifications

Application Specification

English

Application Specification

English