

1563123-1 ✓ ACTIVE

AMP | MCON Interconnection System

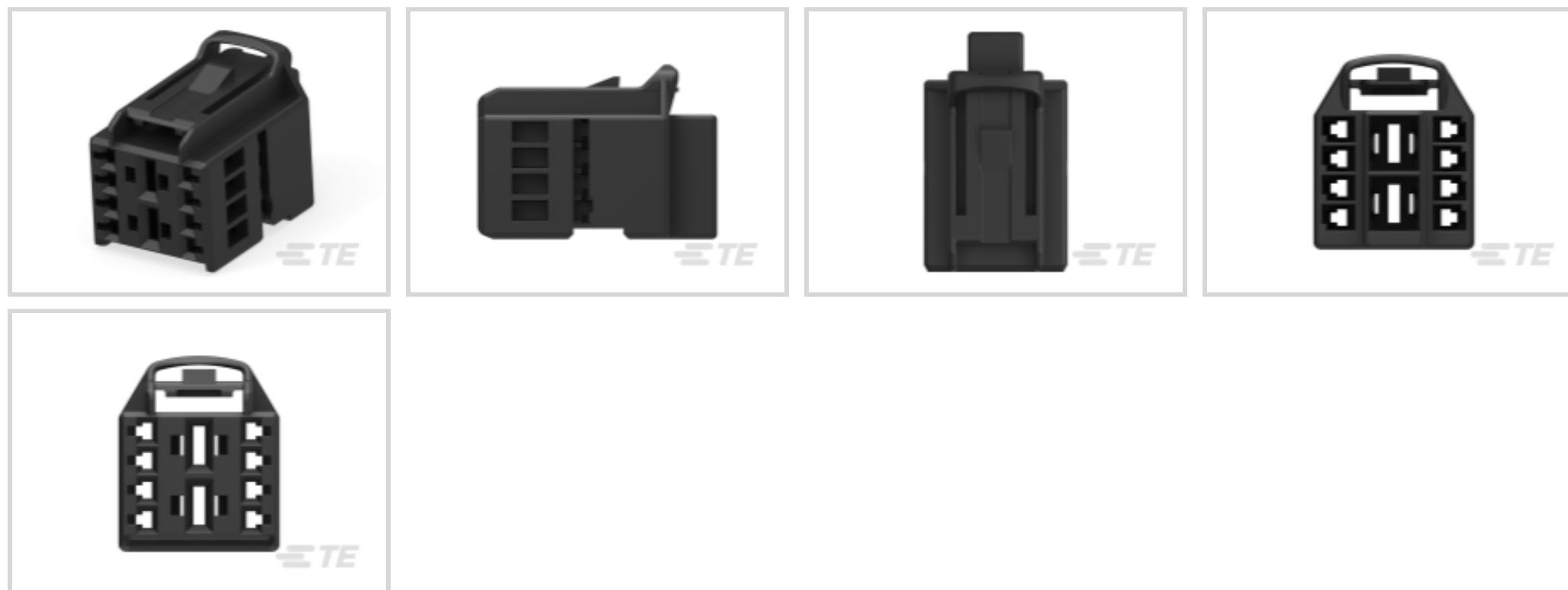
TE Internal #: 1563123-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Wire, 10
Position, 2.54 mm / 5.2 mm [.1 in / .205 in] Centerline, MCON
Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings



Connector System: **Wire-to-Board, Wire-to-Wire**

Number of Positions: **10**

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

Centerline (Pitch): **5.2 mm, 2.54 mm [.1 in, .205 in]**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	10
Number of Rows	3

Housing Features

Centerline (Pitch)	5.2 mm, 2.54 mm [.1 in][.205 in]
Housing Material	PBT GF

Contact Features



Mating Tab Width	1.2 mm, 2.8 mm [.11 in][.047 in]
Contact Current Rating (Max)	12 A, 35 A
Contact Size	2.8mm, 1.2mm
Contact Type	Receptacle

Body Features

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Terminal Position Assurance	Yes
Mating Alignment Type	Polarized
Mating Alignment	With

Usage Conditions

Operating Temperature (Max)	120 °C[248 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Electrical Characteristics

Nominal Voltage Architecture	12 V
Operating Voltage	14 VDC

Other

Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
Serviceable	Yes

Dimensions

Row-to-Row Spacing	4.24 mm [.167 in]
--------------------	-------------------

Packaging Features

Packaging Method	Box & Carton
------------------	--------------



Packaging Quantity 1500

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 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 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>

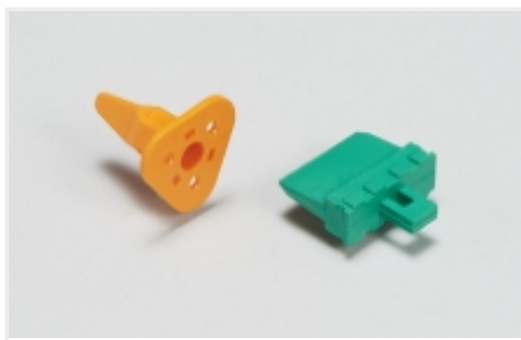
Compatible Parts



Also in the Series | **MCON Interconnection System**



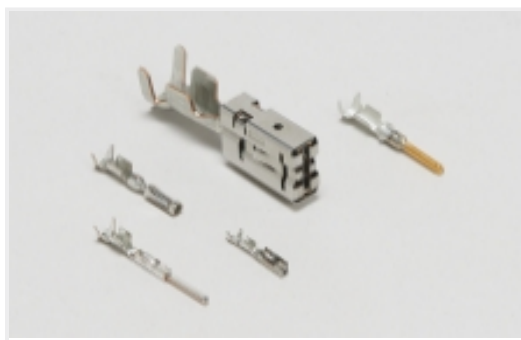
Automotive Connector Caps & Covers (36)



Automotive Connector Locks & Position Assurance (15)



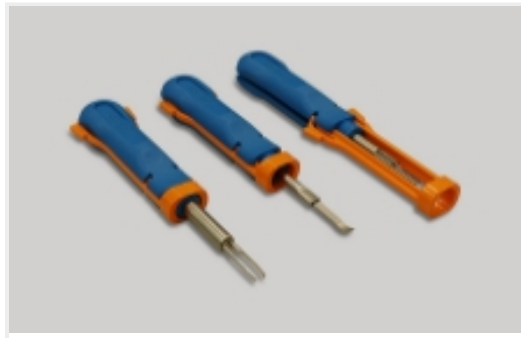
Automotive Housings (119)



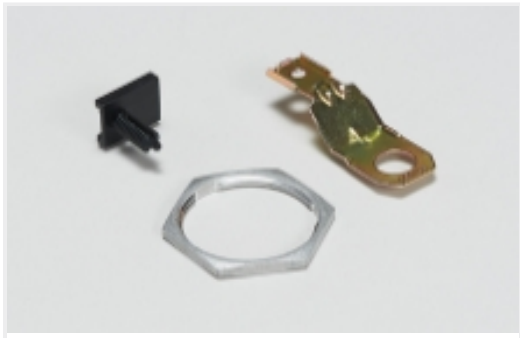
Automotive Terminals (23)



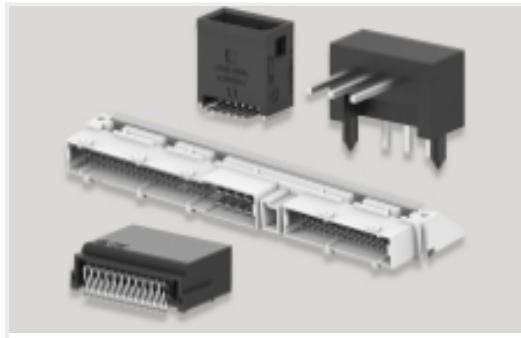
Connector Seals & Cavity Plugs (8)



Insertion & Extraction Tools (31)



Other Automotive Connector Accessories (4)



PCB Headers & Receptacles (4)

Customers Also Bought



TE Part #1060-16-0644
PIN, SF, SIZE 16, 16-20, AU/SN



TE Part #1-1801466-1
COVER, FIXED, 2 WAY HP CONNECTOR



TE Part #1-2322613-1
12POS, TAB0.63X0.63, HDR ASSY, 180DEG, SLDR



TE Part #1-969489-2
6POS MOS REC COD A



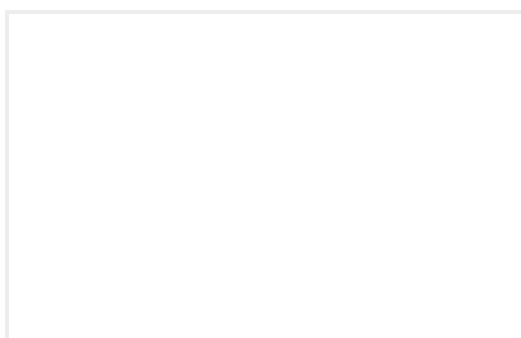
TE Part #1563123-2
10POS, MIXED, REC HSG



TE Part #1801176-5
2W RECEPTACLE HPSL CONNECTOR GREEN



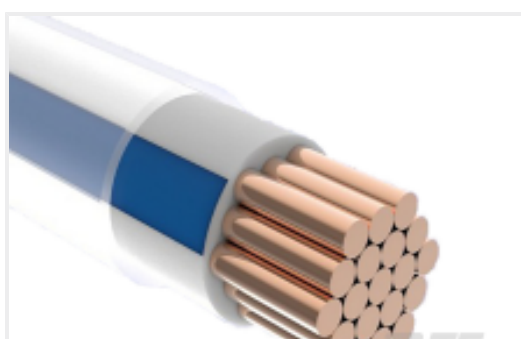
TE Part #1-2322613-2
12POS, TAB0.63X0.63, HDR ASSY, 180DEG, SLDR



TE Part #2-2392396-3
TMF 4P HEADER, Long pin, CODE C



TE Part #773119-4
EDS OVERMOLDED 2P ASSY, BLUE



TE Part #1263643001
ACW0219-0.50-75(NS)

Documents



Product Drawings

[10POS, MIXED, REC HSG](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1563123-1_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1563123-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1563123-1_A.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English