

2301462-1 ✓ ACTIVE

AMP MCP Connector System, MCON Interconnection System

TE Internal #: 2301462-1

Housing for Female Terminals, Wire-to-Wire, 30 Position, Sealable, Black, Signal, Cable Mount (Free-Hanging), Key A, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings > MCON, CONNECTOR HOUSING



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

Mating Tab Width: **1.2 mm, 2.8 mm, 6.3 mm [.047 in, .11 in, .25 in]**

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

Number of Positions: **30**

Sealable: **Yes**

[All MCON, CONNECTOR HOUSING \(283\)](#)

Features

Product Type Features

Connector & Housing Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	30
Number of Rows	3

Body Features

Cable Exit Angle	180°
Body Material	PA
Primary Product Color	Black



Connector Code	A
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Contact Features

Contact Size	1.2mm, 2.8mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	1.2 mm, 2.8 mm, 6.3 mm [.047 in][.11 in][.25 in]

Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Product Width	44.5 mm[1.75 in]
Product Length	91.8 mm[3.61 in]
Product Height	34.8 mm[1.37 in]

Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	21
Packaging Method	Tray

Other

Serviceable	No
Connector Position Assurance Capable	No

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 2022 (224)




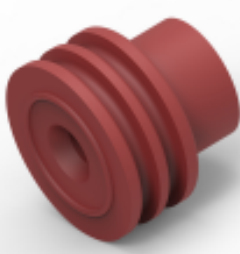






Candidate List Declared Against: JAN 2022
(223)
SVHC > Threshold:
Not Yet Reviewed

Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

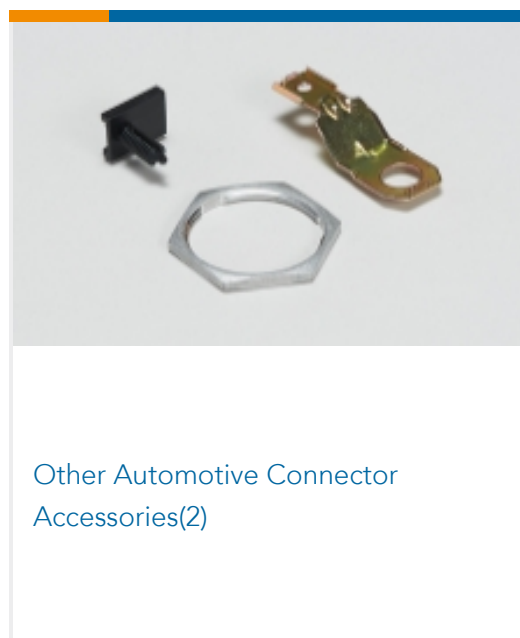
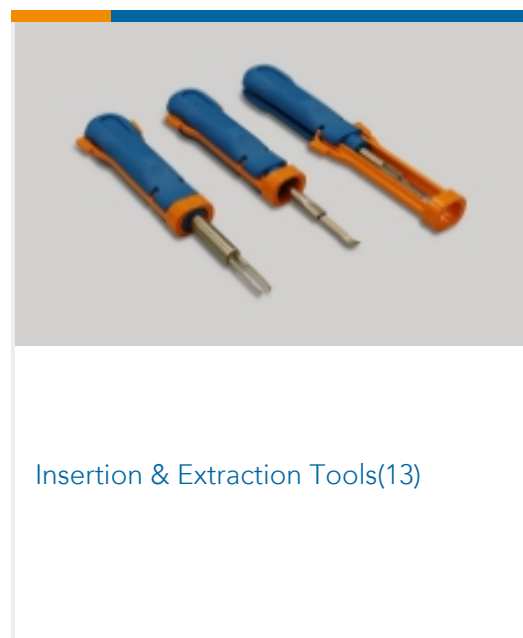
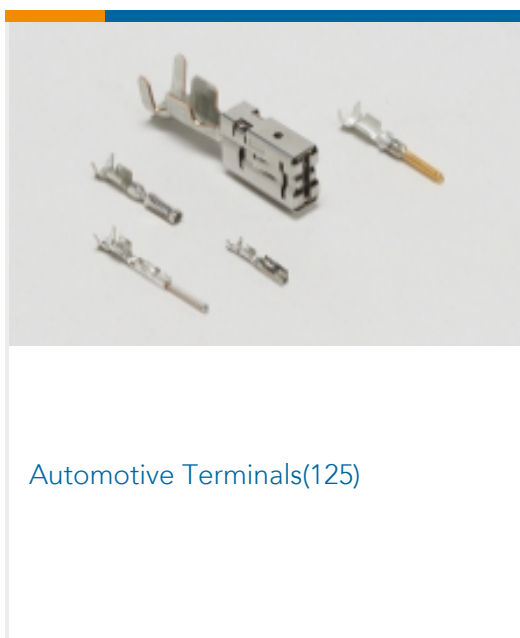
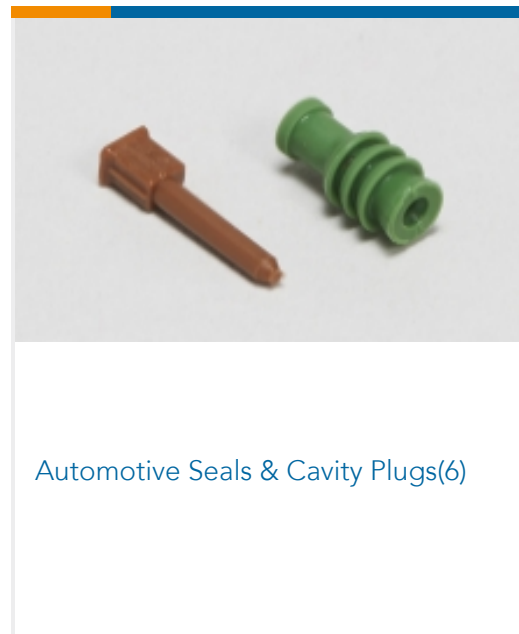
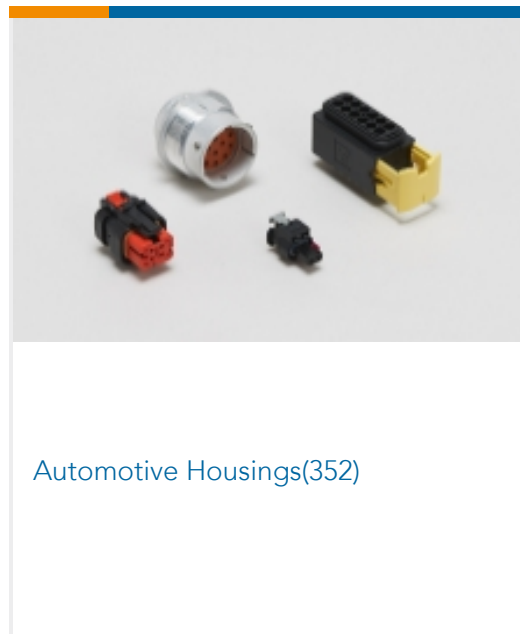
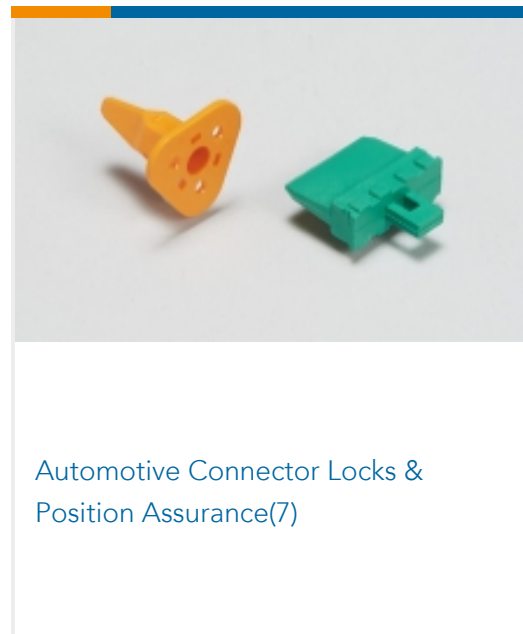
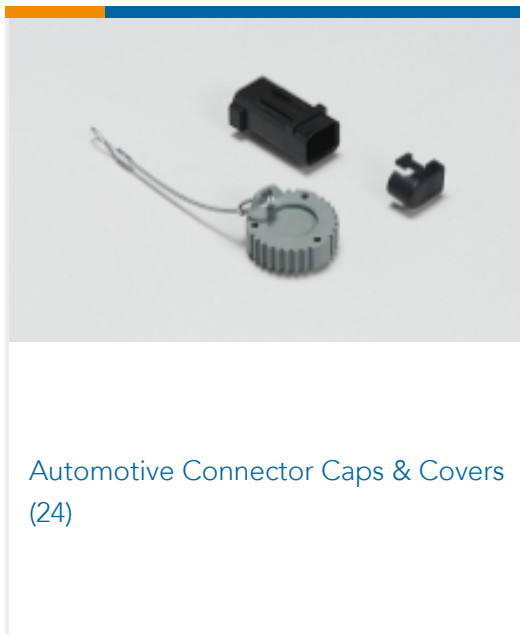
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 967652-1 PQ BLINDSTOPFEN 8,5</p>	 <p>TE Part # 1823111-1 SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN</p>	 <p>TE Part # 1719043-1 SINGLE WIRE SEAL, GREEN</p>	 <p>TE Part # 828922-1 2,5MM CAVITY PLUG FOR 5,4MM DI</p>
 <p>TE Part # 1394512-1 EINZELLEITDICHTG, BL</p>	 <p>TE Part # 828905-1 SINGLE-WIRE-SEAL(5MM HOLE)</p>	 <p>TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON</p>	 <p>TE Part # 2177018-1 SINGLE WIRE SEAL, AMP MCP6.3/4.8K, YW</p>



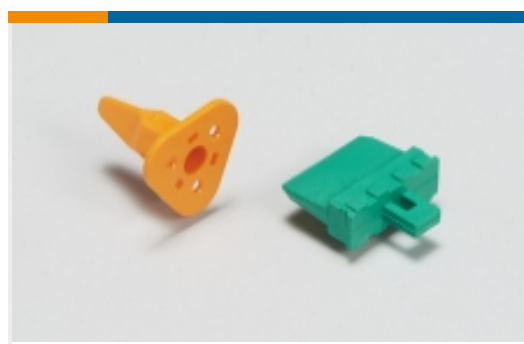
Also in the Series | **AMP MCP Connector System**



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



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(11)



Automotive Housings(288)



Automotive Seals & Cavity Plugs(4)



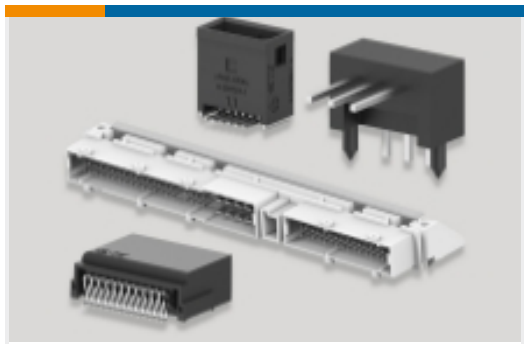
Automotive Terminals(113)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(6)

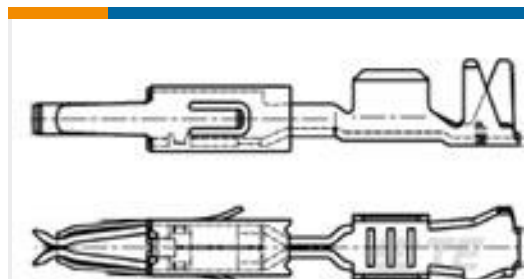


PCB Headers & Receptacles(1)

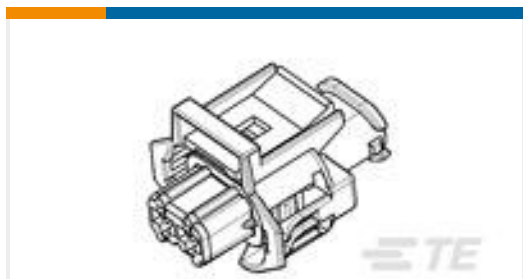
Customers Also Bought



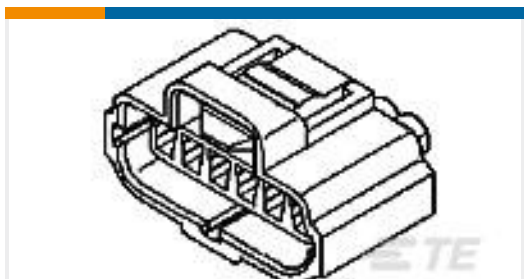
TE Part #1-2141324-1
MCON, CONNECTOR HOUSING



TE Part #969005-3
MT2 A REC 1.6 Contact SWS Sn



TE Part #936060-1
2.8MM SLD 3P PLUG ASSY-TDC



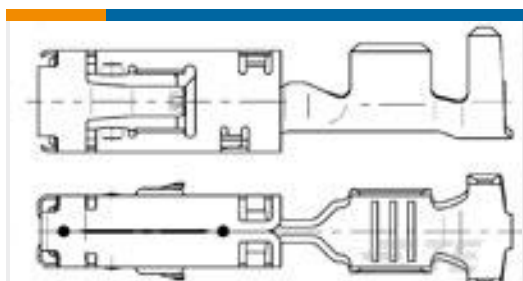
TE Part #184060-1
6 POS./6 CIRC PLUG ASSY, KEY A



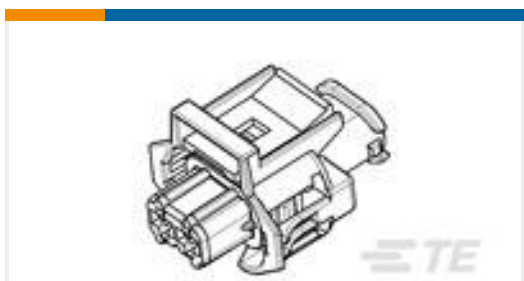
TE Part #DRC26-50S05
PLG, 50P, BLK, N, 05



TE Part #0528-002-6005
BKSHL, 60P, BLK, PLG, RA, NW 17



TE Part #967542-2
SENS FLA-KONT 2,8



TE Part #936059-1
2.8MM SLD 2P PLUG ASSY



TE Part #2-1579016-1
ERGOGRIMP DIE SET MCON 1.2CB 0,5-0,75

Documents



CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2301462-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301462-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2301462-1_C.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

Instruction Sheets

Instruction Sheet (U.S.)

English