

2209521-2 ✓ ACTIVE

MCON 1.2mm, MCON Interconnection System

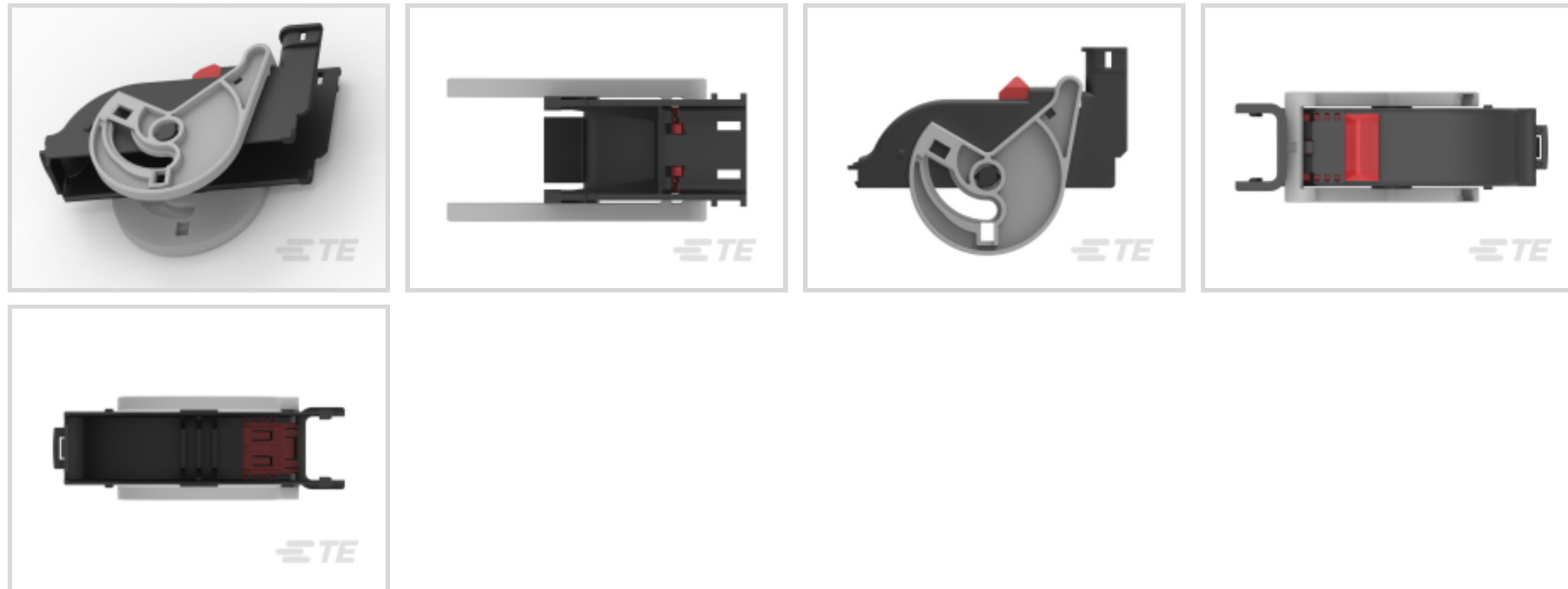
TE Internal #: 2209521-2

Automotive Connector Caps & Covers, Cover Assembly, Cable Exit Angle 180°, Black, PBT GF, 46 Position, MCON Interconnection System

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Connector Accessories > Automotive Connector Caps & Covers



Protection & Strain Relief Accessory Type: **Cover Assembly**

Cable Exit Angle: **180°**

Strain Relief: **Without**

Primary Product Color: **Black**

Primary Product Material: **PBT GF**

Features

Product Type Features

Protection & Strain Relief Accessory Type	Cover Assembly
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Configuration Features

Number of Positions	46
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Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Primary Product Material	PBT GF

Mechanical Attachment

Strain Relief	Without
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F]
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Operating Temperature Range -40 – 120 °C[-40 – 248 °F]

Packaging Features

Packaging Quantity	180
Packaging Method	Carton

Product Compliance



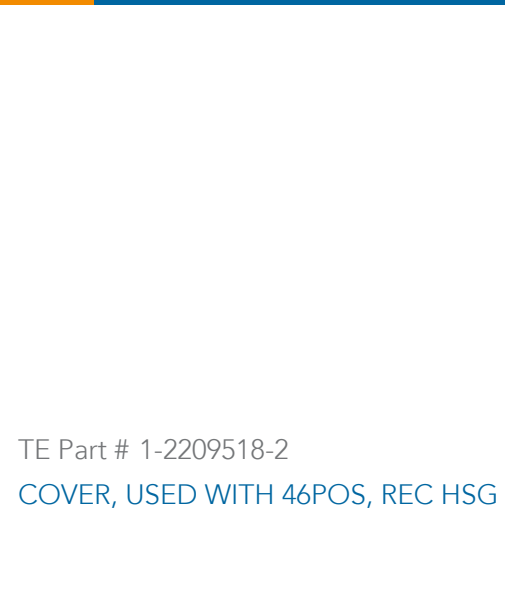
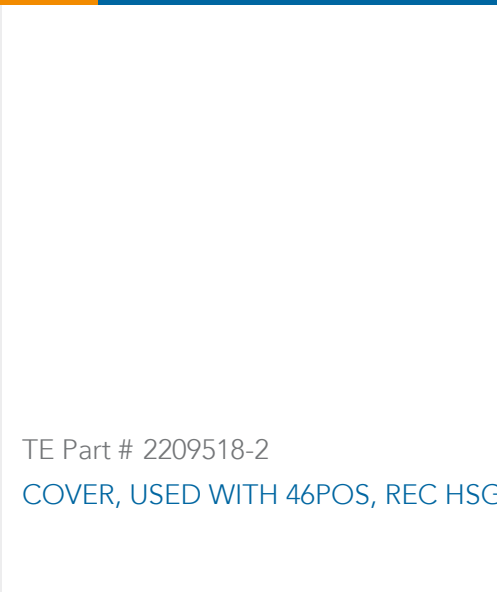
[For compliance documentation, visit the product page on TE.com>](#)

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

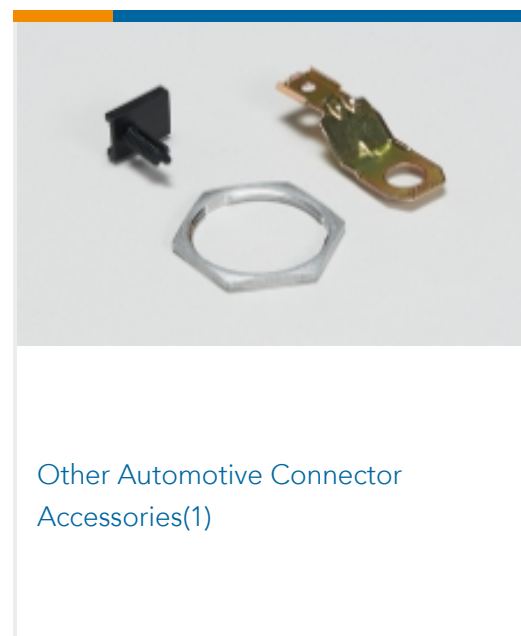
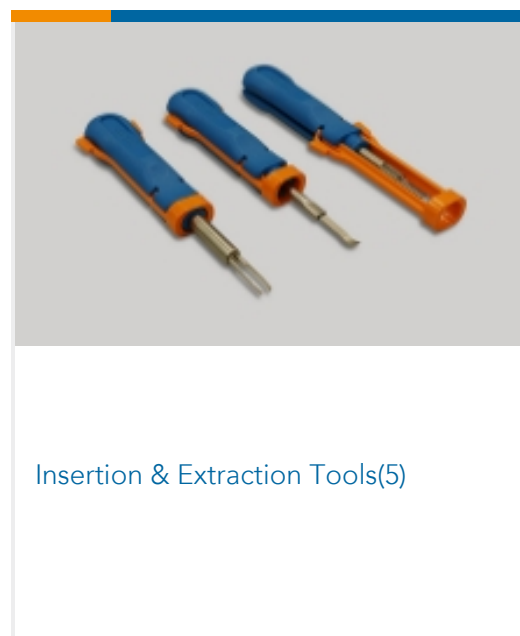
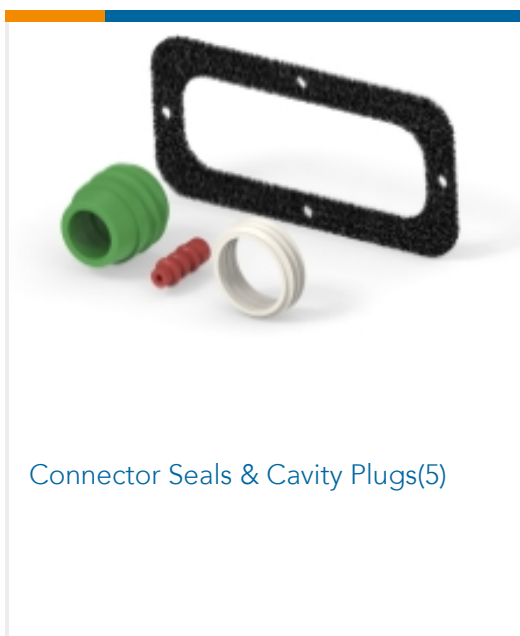
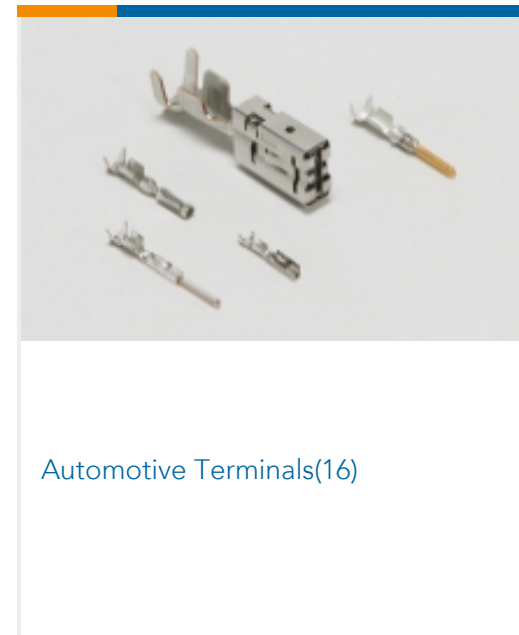
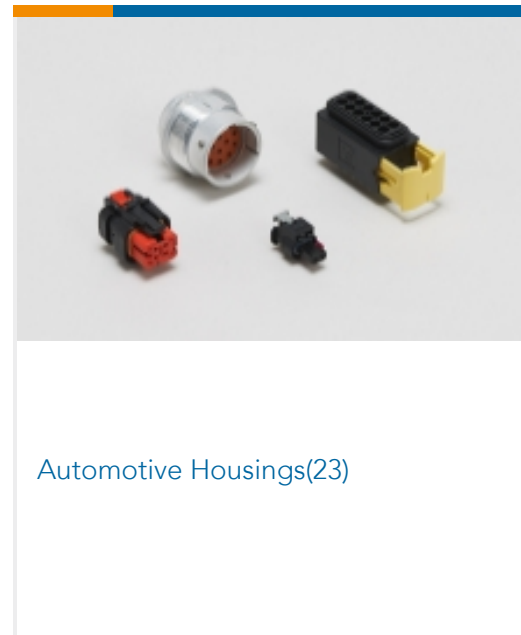
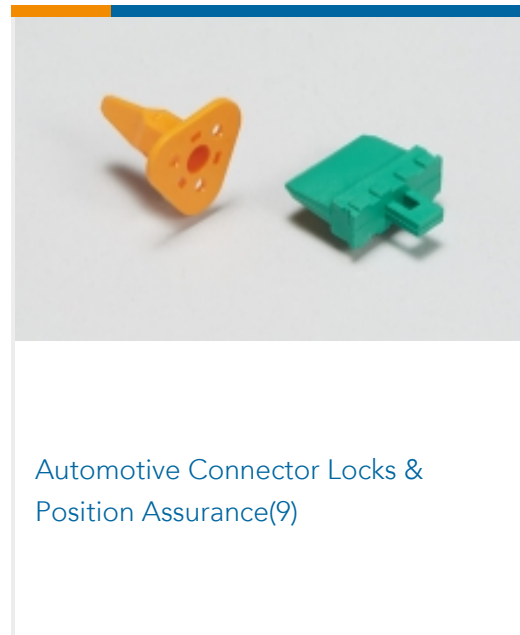
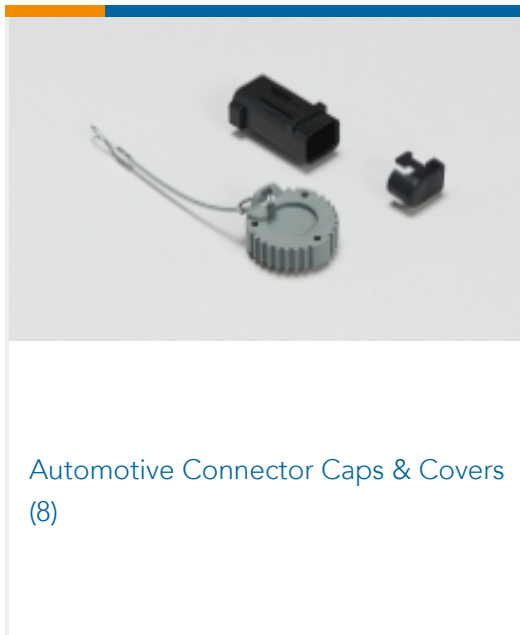
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

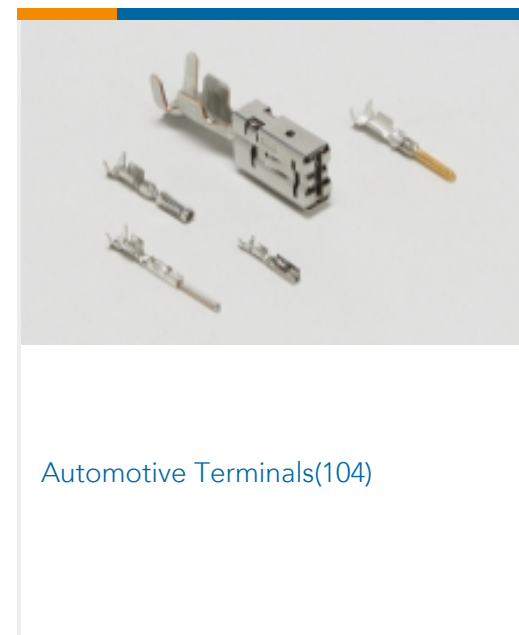
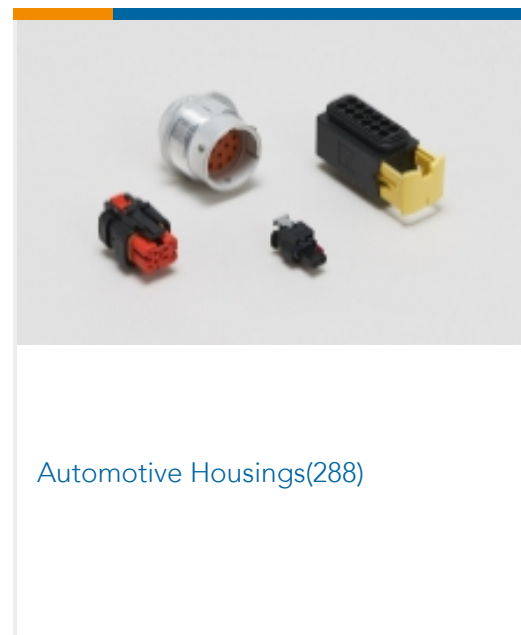
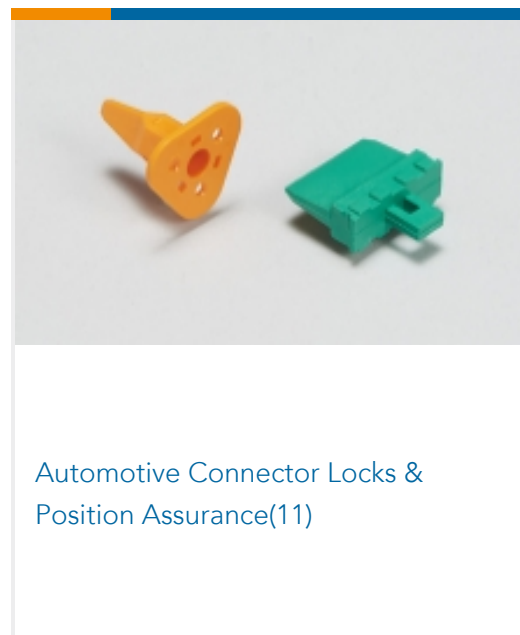
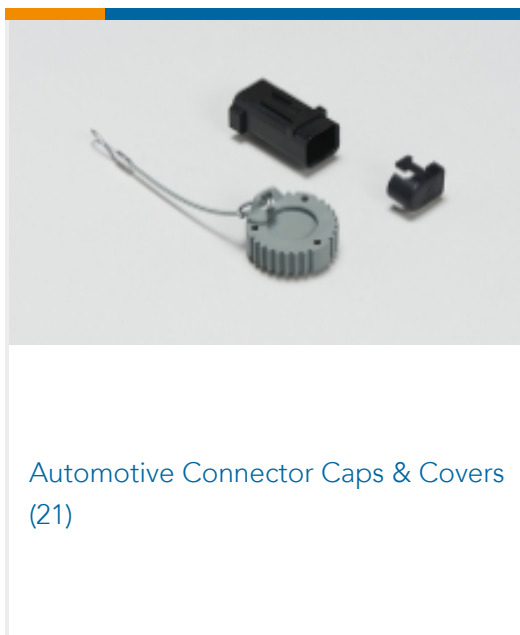
 <p>TE Part # 2209520-6 46POS. REC HOUSING ASSY</p>	 <p>TE Part # 9-2209520-9 46POS. REC HOUSING ASSY, CODA A</p>	 <p>TE Part # 1-2209518-2 COVER, USED WITH 46POS, REC HSG</p>	 <p>TE Part # 2209518-2 COVER, USED WITH 46POS, REC HSG</p>
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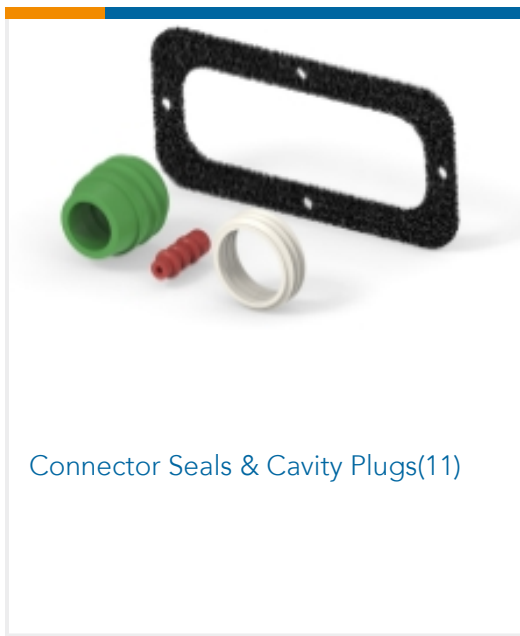


Also in the Series | MCON 1.2mm

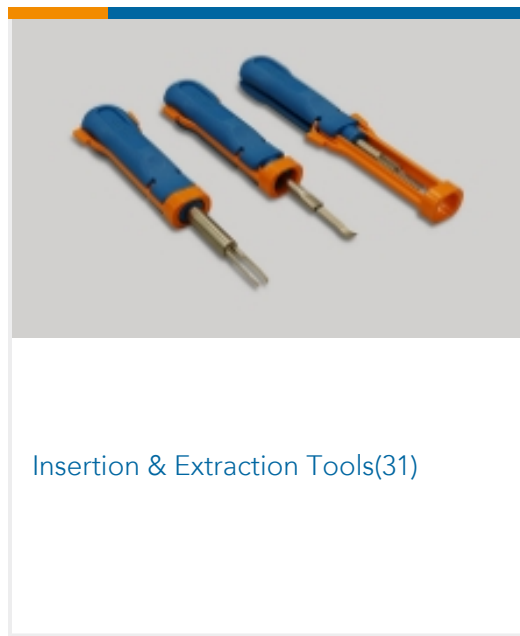


Also in the Series | MCON Interconnection System

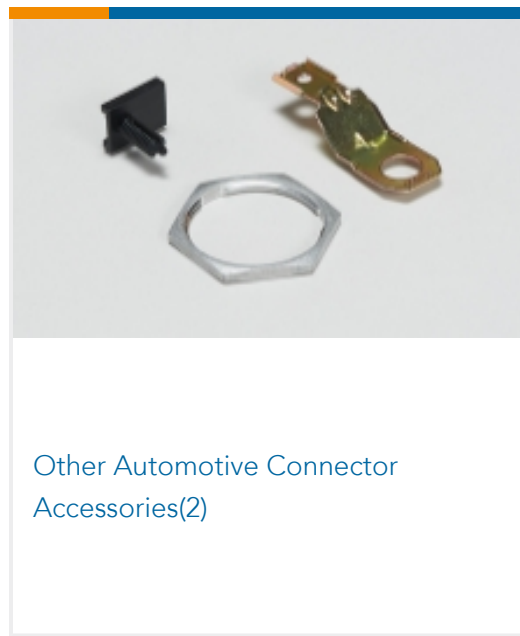




Connector Seals & Cavity Plugs(11)



Insertion & Extraction Tools(31)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(2)

Customers Also Bought



TE Part #953600-1
5/4W MCP RCPT HSG ASSY



TE Part #1241418-4
AMP MCP 6.3/4.8K, CONTACT, SWS



TE Part #179631-2
DIAGNOSTIC PLUG HSG 16P BLACK



TE Part #2005431-1
025/090 HYB 34P PLUG ASSY



TE Part #1-2109504-2
COVER FOR DTB 50P CAP



TE Part #1-2355506-8
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A



TE Part #2298622-1
24POS,HYBRID,REC HSG ASSY, UNSLD,COD A



TE Part #2298631-1
48POS,HYBRID,TAB HSG ASSY, UNSLD,COD A



TE Part #9-2209520-9
46POS. REC HOUSING ASSY, CODA A



TE Part #2188792-2
REAR DOOR 22P REC PLUG ASSY

Documents

Product Drawings

[46POS. COVER ASSY](#)

English

CAD Files

[Customer View Model](#)

[ENG_CVM_CVM_2209521-2_A2.3d_stp.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_2209521-2_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2209521-2_A2.3d_igs.zip](#)

English

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Product Specifications

[Application Specification](#)

English