

967542-1 ✓ ACTIVE

AMP | 1.5/2.8 Connector System, Sensor Flat Contact System

TE Internal #: 967542-1

Sensor Flat Contact System, Automotive Terminals, Receptacle,
Tab Width 2.8 mm [.11 in], Tab Thickness .031 in [.8 mm]

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



Terminal & Splice Type: **Receptacle**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **.5 – 1 mm²**

[All AMP MCP, SFC, RECEPTACLE \(23\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body
Automotive Terminal Wire Type	Copper

Body Features

Automotive Terminal Seal Type	Family Seal
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Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Terminal & Splice Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.8 mm [.031 in]
Automotive Terminal Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Automotive Terminal Termination Method	Crimp
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Dimensions

Wire Size	.5 – 1 mm ²
Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , .85 mm ² , 1 mm ²
Wire Insulation Diameter	1.3 – 2.1 mm [.051 – .083 in]

Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]

Industry Standards

Agency/Standard	LV 214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Other

Terminal Transmits	25 – 40 A (Power)
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 1579007-1
AUSRUECKWERKZEUG



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE



TE Part # 2305570-1
TERMINAL CUTTER, SIDE FEED



TE Part # 539727-2
DIE MCP2,8/1,5-4EDS



TE Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



TE Part # CAT-AM705-CH8173
AMP MCP, UNSEALED CONNECTOR HOUSING



TE Part # CAT-A11-CH8172
1.5/2.8 CONNECTOR SYSTEM, HOUSING



TE Part # 1480968-1
ASSY 4 POSN. 2,8MM REC.



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



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



TE Part # 2050046-1
2POS 2.8MM SENSOR PLUG ASSY.



TE Part # 2050052-1
4POS 2.8MM SENSOR PLUG ASSY.



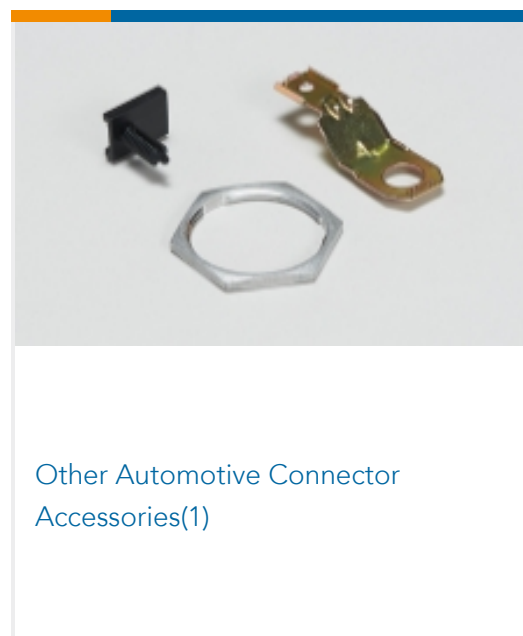
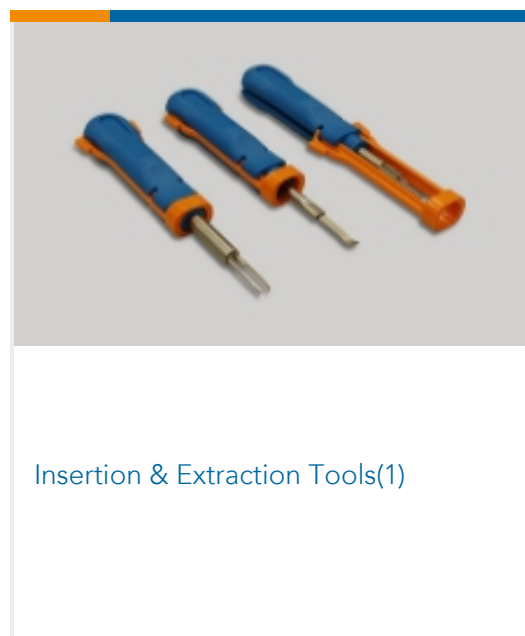
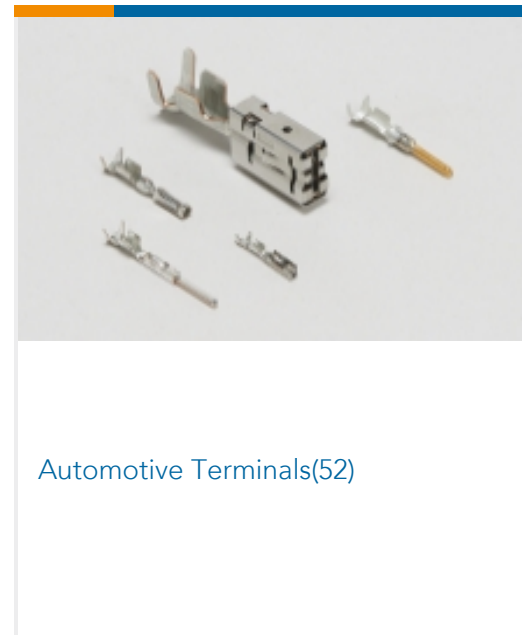
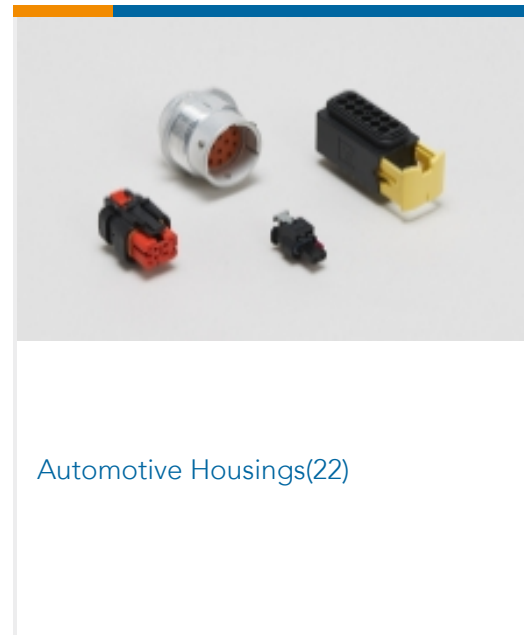
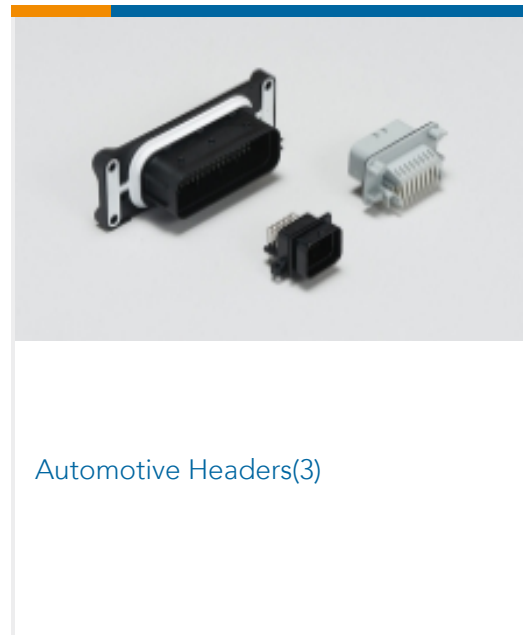
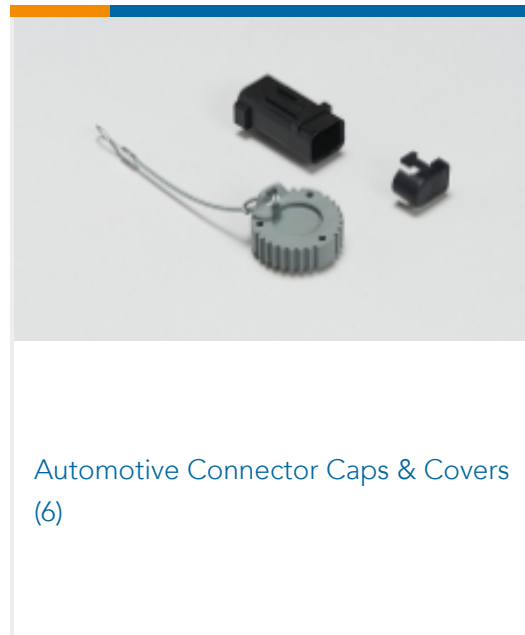
TE Part # 936059-1
2.8MM SLD 2P PLUG ASSY



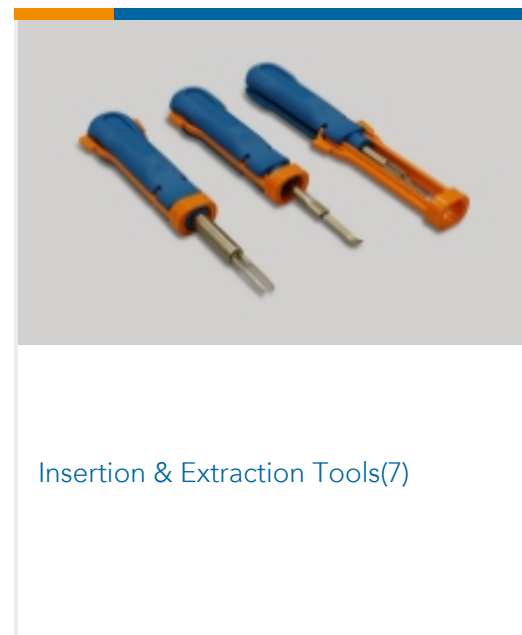
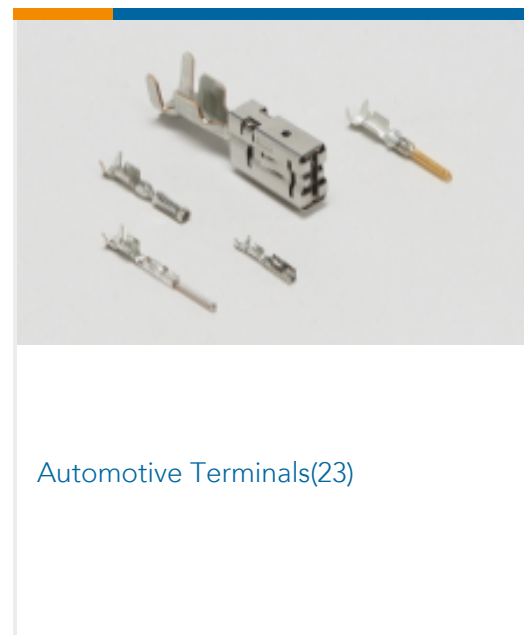
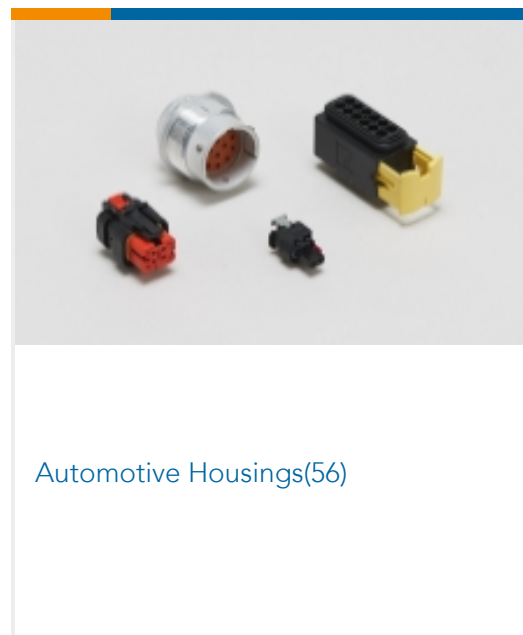
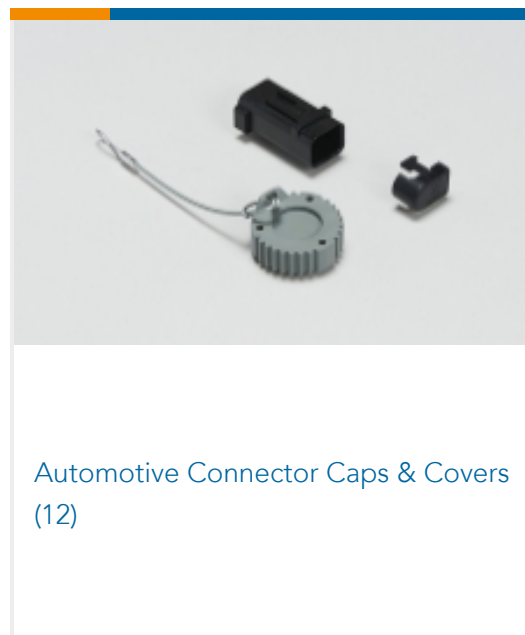
TE Part # 828904-2
SINGLE WIRE SEAL FOR J.P.T.CON



Also in the Series | **1.5/2.8 Connector System**



Also in the Series | **Sensor Flat Contact System**



Customers Also Bought



TE Part #1355206-1
TIMER, CONNECTOR HOUSING



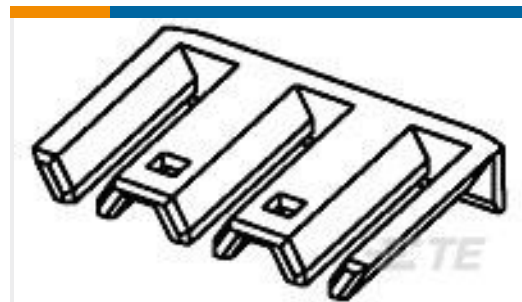
TE Part #1241608-1
MOS, RECEPTACLE AND TAB



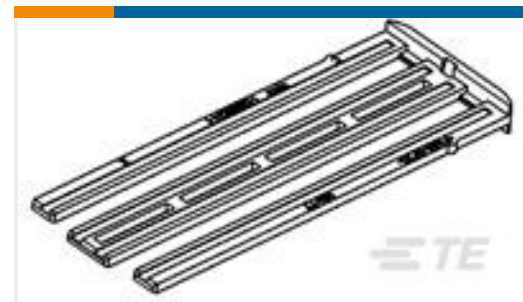
TE Part #1393364-2
GET .64 CONNECTOR SYSTEM,
RECEPT AND TAB



TE Part #1-1355133-1
HEBEL F.AUFNAHM-GEH



TE Part #1-1355135-1
RETAINER 94P



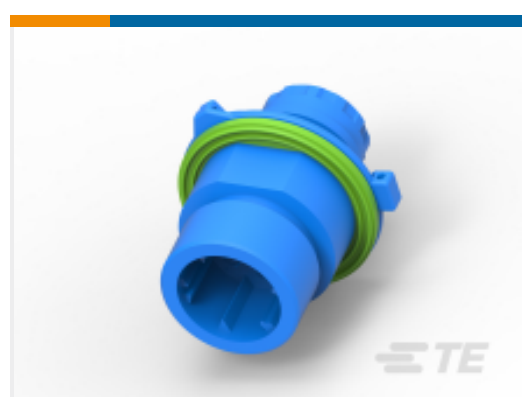
TE Part #1-1355134-1
RETAINER 94P



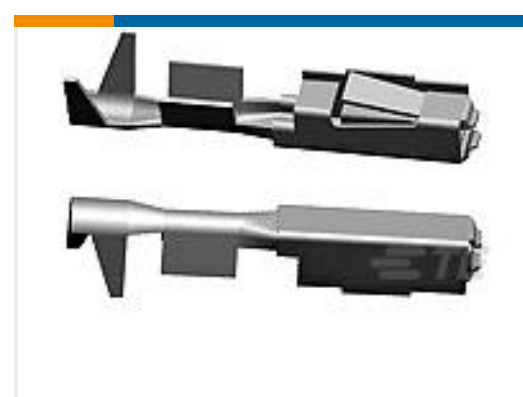
TE Part #1-1452424-2
BLIND PLUG FOR MCON 1.2 CB (1.



TE Part #1394871-1
MOS DICHTSTOPFEN



TE Part #1-1813099-2
CIRCULAR DIN HOUSINGS



TE Part #968221-1
MOS0,63 Sn rec CB unseal. 0,5-0,75

Documents

Product Drawings

[SENSOR FLA-KONT 2,8](#)

English

[SENSOR FLA-KONT 2,8](#)

English

CAD Files

Customer View Model

[ENG_CVM_967542-1_C5.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_967542-1_C5.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_967542-1_C5.2d_dxf.zip](#)

English

[3D PDF](#)

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Product Environmental Compliance

MD_967542-1_05032018330_dmtec

English

MD_967542-1_05032018330_dmtec

English