

967542-1 ✓ ACTIVE

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

TE Internal #: 967542-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], 20 – 17 AWG Wire Size, Sensor Flat Contact System

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



Terminal Type: **Receptacle**

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

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

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 17 AWG**

[All AMP MCP, SFC, RECEPTACLE \(24\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

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

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm [.051 – .083 in]
Wire Size	.5 – 1 mm ²
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG

Usage Conditions

Insulation Option	Uninsulated
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]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low 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: 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 # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 1579007-1
AUSDRUECKWERKZEUG



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



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



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



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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



TE Part # 1-1718624-2
2 POS HSG AMP MCP 2.8 ASSY



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



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



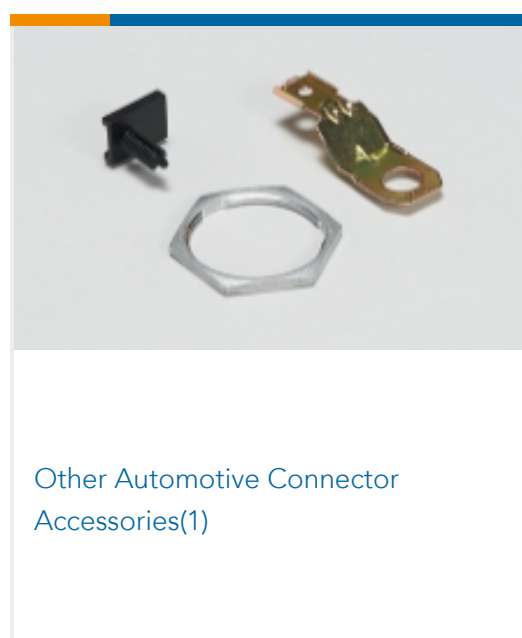
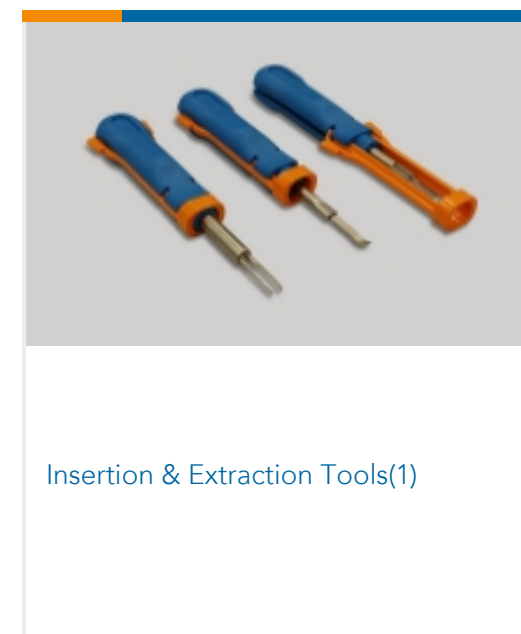
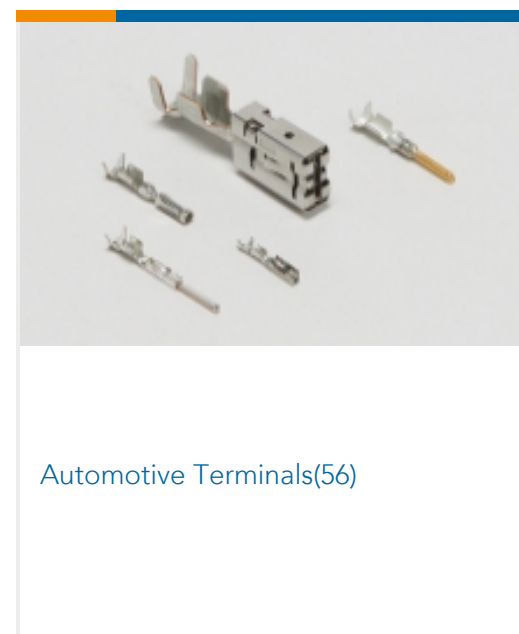
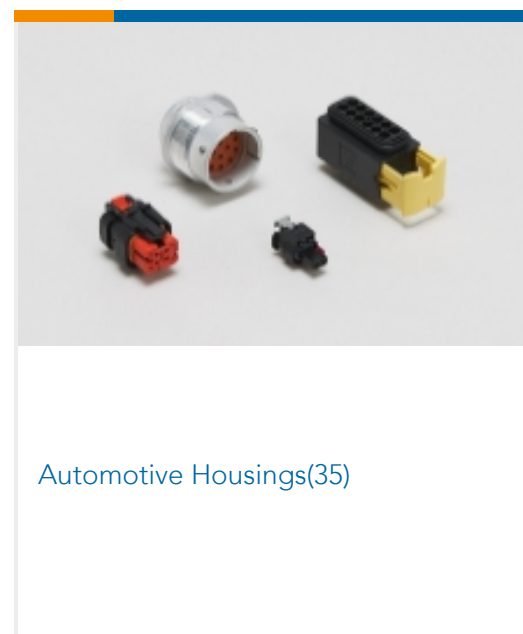
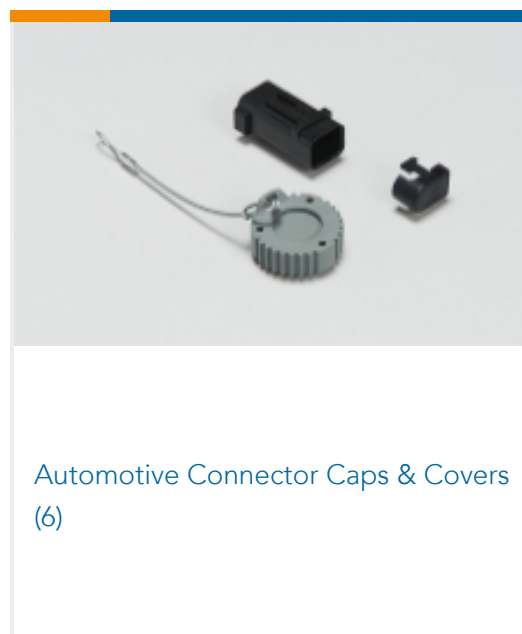
TE Part # 2050046-1
2POS 2.8MM SENSOR PLUG ASSY.



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



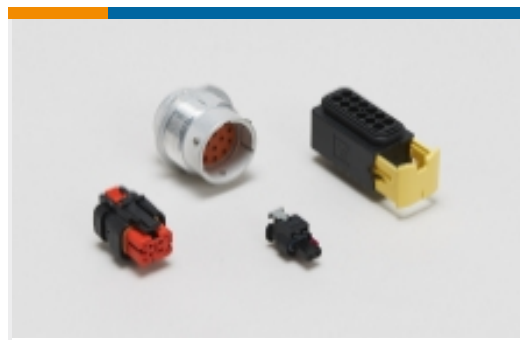
Also in the Series | **1.5/2.8 Connector System**



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



Automotive Connector Caps & Covers (12)



Automotive Housings(56)



Automotive Terminals(23)

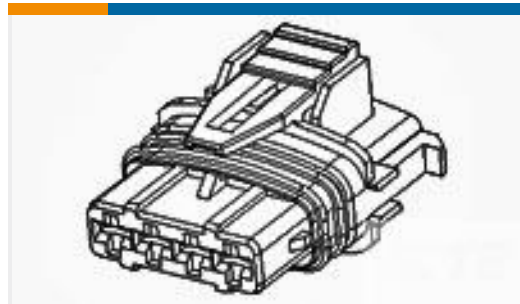


Insertion & Extraction Tools(7)

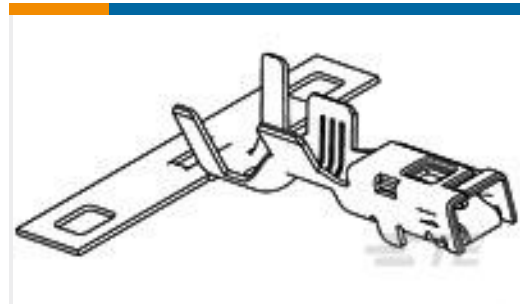
Customers Also Bought



TE Part #1-1438153-3
1X6 SEALED ASSY W/ CPA 6 CLSD



TE Part #368162-2
JPT 4P ASSY FOR MAP SENSOR BLU



TE Part #1326032-4
2.8MM RECP,SEAL,16AWG



TE Part #2138314-1
36P SEALED HYBRID (32X 1.2, 4X



TE Part #184340-1
PLUG ASSY,2X2,CPA,W/O SLOT,CKT4 BLKD



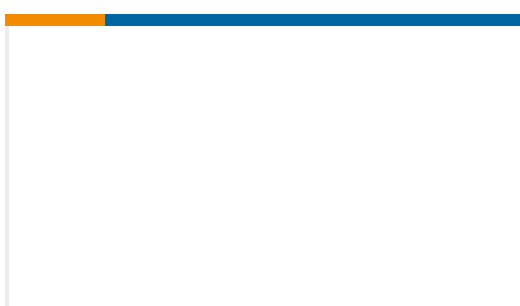
TE Part #1924941-1
PLUG ASSY, 96P GPEC II KEY C RIGHT EXIT



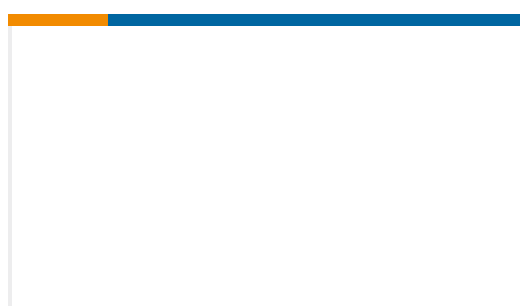
TE Part #2050052-1
4POS 2.8MM SENSOR PLUG ASSY.



TE Part #184311-1
ASSY, PLUG HSG 3 POS, KEY A



TE Part #282956-1
SPLASH PROOF FEM CONN ASSY



TE Part #2311056-2
48POS,MCON 1.2,REC HSG,SLD

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