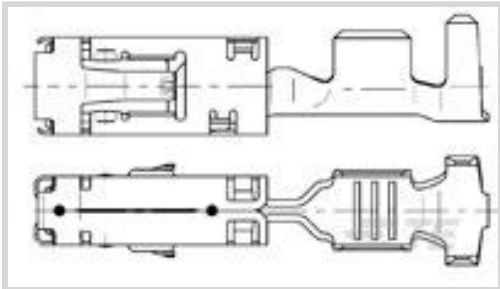




Terminals & Splices > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



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 \(17\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
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Packaging Features

Packaging Method	Reel
Packaging Quantity	4000

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °C, 85 °C, 150 °C, 145 °C, 140 °C, 110 °C, 120 °C[293 °F][248 °F][221 °F][230 °F][176 °F][194 °F][185 °F][302 °F][284 °F][266 °F][212 °F][257 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features



Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Dimensions

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

Contact Features

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

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

 TE Part # 4-1579007-3 EXTRACTION TOOL KIT	 TE Part # 1579007-1 AUSDRUECKWERKZEUG	 TE Part # 2050046-1 2POS 2.8MM SENSOR PLUG ASSY.	 TE Part # 1976143-1 SDE COMMERCIAL TOOL OR DIE
 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 1480968-1 ASSY 4 POSN, 2.8MM REC.	 TE Part # 2050052-1 4POS 2.8MM SENSOR PLUG ASSY.	 TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON
 TE Part # 828904-2 SINGLE WIRE SEAL FOR J.P.T.CON	 TE Part # 1599099-1 HSG ASSY 2 POSN,2.8mm REC	 TE Part # 1976143-2 PRO-CRIMPER DIE	 TE Part # 2050049-1 3POS 2.8MM SENSOR PLUG ASSY



TE Part # 2050049-2
3POS 2.8MM SENSOR PLUG ASSY



TE Part # 2050052-2
4POS 2.8MM SENSOR PLUG ASSY.



TE Part # 2151227-1
OCEAN_2.0_APPLICATOR-S-080F160O-RSM



TE Part # 2151227-2
OCEAN_2.0_APPLICATOR-S-080F160O-RSA



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



TE Part # 5-2151227-1
OCEAN_2.0_APPLICATOR-S-080F160O-RSM



TE Part # 5-2151227-2
OCEAN_2.0_APPLICATOR-S-080F160O-RSA



TE Part # 7-2151227-7
OCEAN_2.0_SPARE_PART_KIT-080F160O

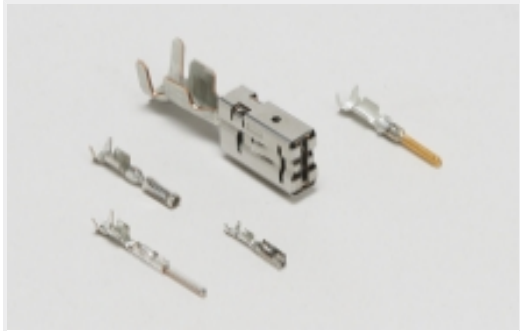
Also in the Series | **Sensor Flat Contact System**



Automotive Connector Caps & Covers
(9)



Automotive Housings(42)



Automotive Terminals(16)



Insertion & Extraction Tools(7)

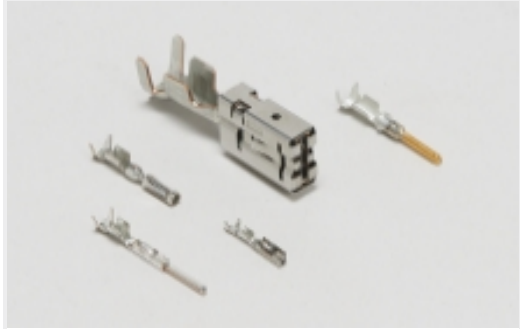
Also in the Series | **1.5/2.8 Connector System**



Automotive Connector Caps & Covers
(3)



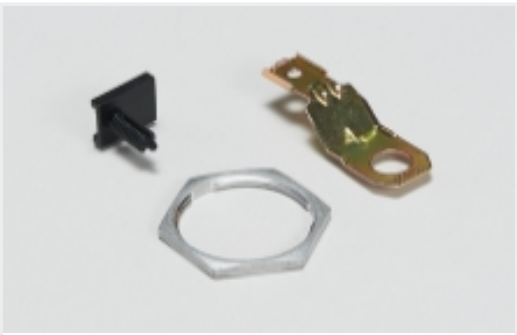
Automotive Housings(27)



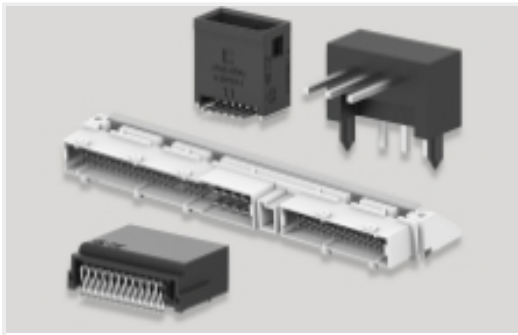
Automotive Terminals(48)



Insertion & Extraction Tools(1)



Other Automotive Connector
Accessories(1)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #1-1355134-1
RETAINER 94P



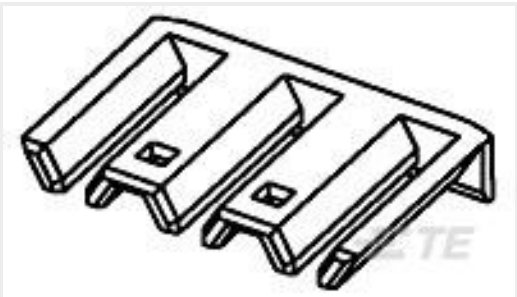
TE Part #2005372-2
MT-II SLD 6P PLUG ASSY(A) BLK



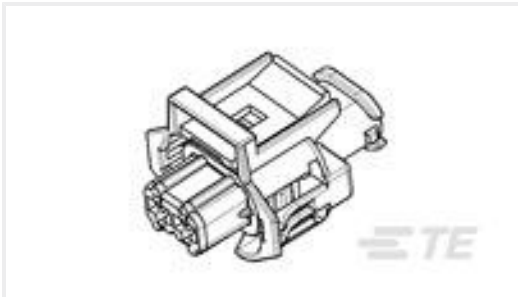
TE Part #5-968220-5
MQS0,63 Au rec CB unseal. 0,2-0,35



TE Part #1473288-1
MICRO TIMER II 6POS SECONDARY



TE Part #1-1355135-1
RETAINER 94P



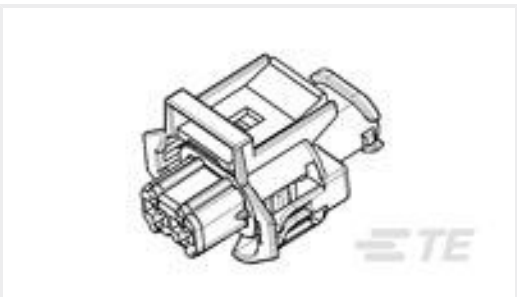
TE Part #936059-1
2.8MM SLD 2P PLUG ASSY



TE Part #2005390-6
JPT SLD 3P PLUG ASSY-1S BLK



TE Part #2109258-4
MCON 1.2 CAVITY PLUG FOR 0.75MM



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



TE Part #3-2005475-2
PCU SLD 105P PLUG ASSY(B-RH)

Documents

Product Drawings
SENS FLA-KONT 2,8

English

CAD Files
Customer View Model
ENG_CVM_967542-2_C5.3d_igs.zip

English

Customer View Model



[ENG_CVM_967542-2_C5.3d_stp.zip](#)

English

Customer View Model

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

English

3D PDF

English

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

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English