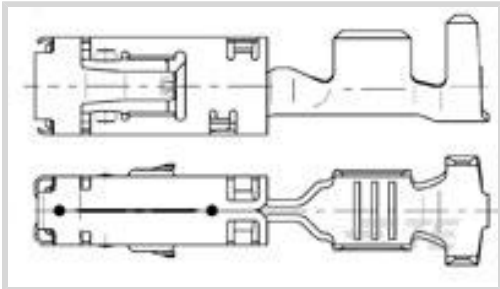




Terminals & Splices > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



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 \(19\)](#)

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	11 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	Gold (Au)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm[.051 – .083 in]
Wire Size	.5 – 1 mm²
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, 140 °C, 145 °C, 150 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]

Operation/Application

Compatible With Wire Base Material	Copper
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Industry Standards

Compatible With Agency/Standards Products	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 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 # 828904-2 SINGLE WIRE SEAL FOR J.P.T.CON
 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 # 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



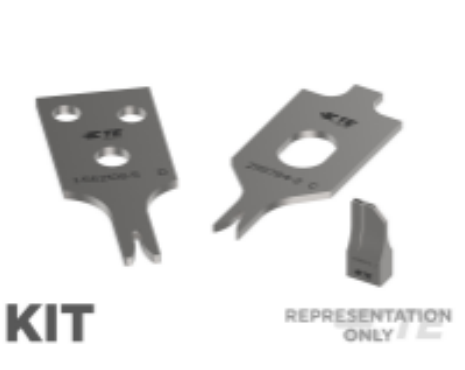
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



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

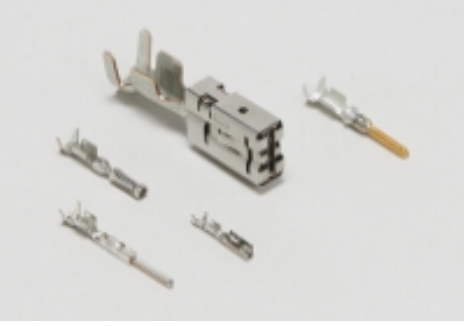
Also in the Series | 1.5/2.8 Connector System



Automotive Connector Caps & Covers (4)



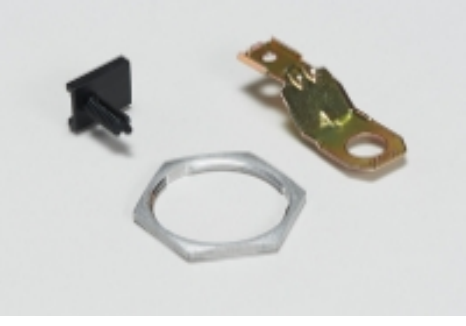
Automotive Housings(27)



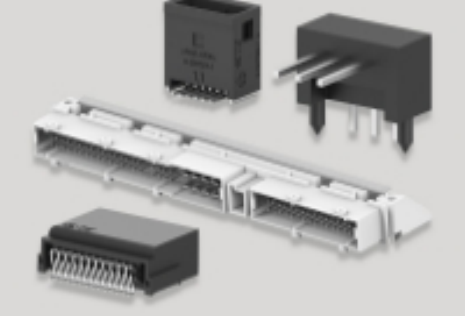
Automotive Terminals(50)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

Also in the Series | Sensor Flat Contact System



Automotive Connector Caps & Covers
(9)



Automotive Housings(42)

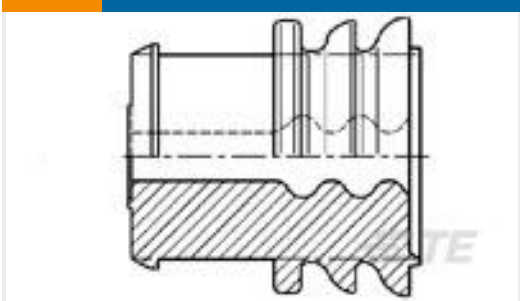


Automotive Terminals(18)

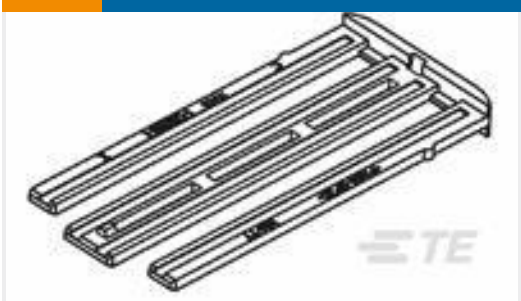


Insertion & Extraction Tools(7)

Customers Also Bought



TE Part #100132-1
CAVITY PLUG



TE Part #1-1355118-1
RETAINER FOR 60POS SOCKET HSG



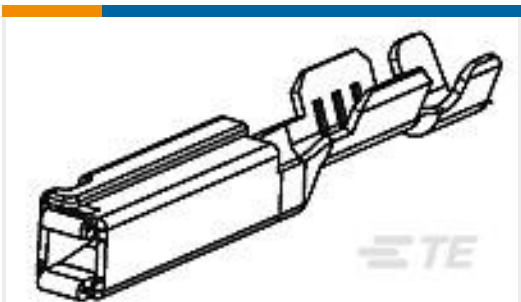
TE Part #2272165-1
MCON WIRE DRESS, 3P, RIGHT
ANGLE



TE Part #928966-2
SPT REC 6.3 Contact SWS Sn



TE Part #1241406-1
AMP MCP 6.3/4.8K, CONTACT



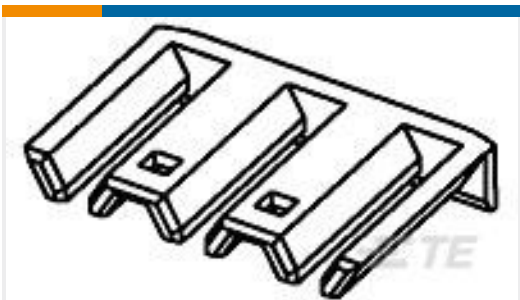
TE Part #1393364-2
V23540X7000Y 12=GET FEM TERM A



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 #1-1355135-1
RETAINER 94P



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

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