



Automotive Parts > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



Terminal Type: **Receptacle**
Wire Size: **20 – 17 AWG**
Mating Tab Width: **2.8 mm [.11 in]**
Interface Plating: **Tin (Sn)**

[All AMP MCP, SFC, RECEPTACLE \(17\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Clean Body
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	15 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]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To

Wire

Dimensions

Compatible Insulation Diameter Range	1.3 – 2.1 mm[.051 – .083 in]
Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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 Method	Reel
Packaging Quantity	4000

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 282956-7 SPLASH-PROOF FEM CONN ASSY	 TE Part # 1897017-3 2.8MM SLD 2P PLUG ASSY(INJ CONN'R)	 TE Part # 7-2151227-7 OCEAN_2.0_SPARE_PART_KIT-080F1600	 TE Part # 1599099-1 HSG ASSY 2 POSN,2.8mm REC
 TE Part # 2151227-2 OCEAN_2.0_APPLICATOR-S-080F1600-RSA	 TE Part # 1579007-1 AUSDRUECKWERKZEUG	 TE Part # 2050049-2 3POS 2.8MM SENSOR PLUG ASSY	 TE Part # 2050049-1 3POS 2.8MM SENSOR PLUG ASSY
 TE Part # 1976143-2 PRO-CRIMPER DIE	 TE Part # 1-2333508-1 AMP MCP 2.8 SOCKET HSG 21 POS SEALED	 TE Part # 1-1718624-2 2 POS HSG AMP MCP 2.8 ASSY	 TE Part # 1-936059-3 2.8MM SLD 2P PLUG ASSY
 TE Part # 2050052-1 4POS 2.8MM SENSOR PLUG ASSY.	 TE Part # 1976143-1 SDE COMMERCIAL TOOL OR DIE	 TE Part # 7-2266017-7 OC-080F1600-752-CRIMPTOOLINGKIT	 TE Part # 828904-1 SINGLE WIRE SEAL FOR J.P.T.CON



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



TE Part # 1-1718627-1
AMP MCP 2.8 HSG. 3POS.,ASS'Y

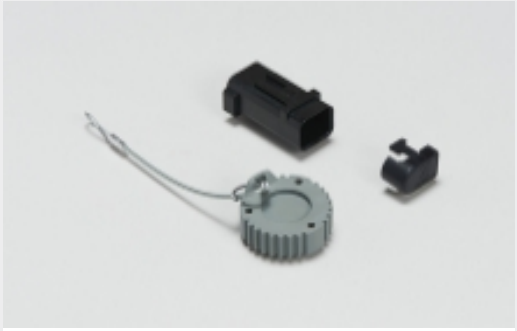


TE Part # 1480968-1
ASSY 4 POSN. 2,8MM REC.



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

Also in the Series | Sensor Flat Contact System



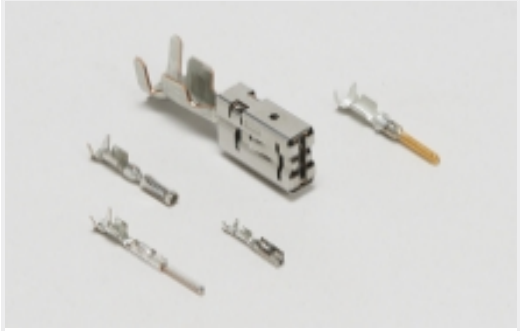
Automotive Connector Caps & Covers (3)



Automotive Housings(103)



Automotive Signal & Power Connector Housings(94)



Automotive Terminals(46)



Insertion & Extraction Tools(1)

Also in the Series | 1.5/2.8 Connector System



Automotive Headers(1)



Automotive Housings(103)

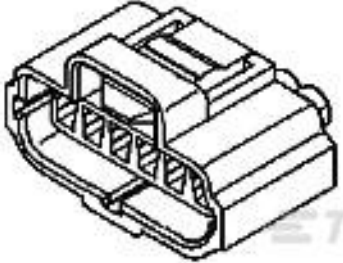


Automotive Signal & Power Connector Housings(94)

Customers Also Bought



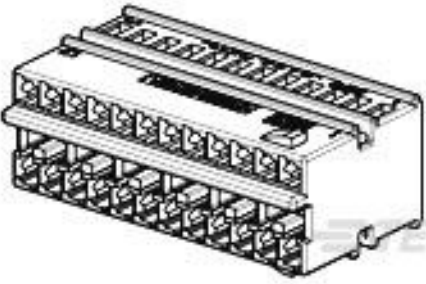
TE Part #CAT-H3930-CH8172
DEUTSCH HD30 Housings



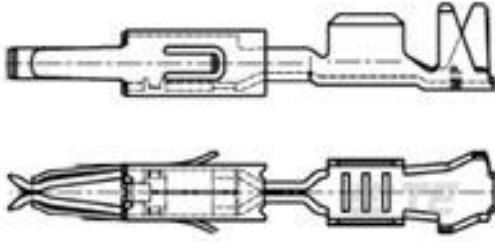
TE Part #184060-1
6 POS./6 CIRC PLUG ASSY, KEY A



TE Part #282956-1
SPLASH PROOF FEM CONN ASSY



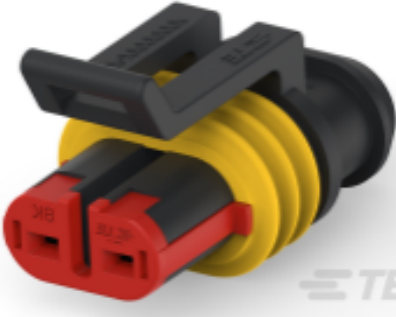
TE Part #284224-2
24 POS. REC. CONN. ASS'Y FOR AIR BAG



TE Part #1241732-2
MT3 REC 1.6 Contact SRC Sn



TE Part #1703768-3
14POS,AMP MCP1.5K,SOCK HSG, ASSY



TE Part #2066010-1
2P SUPERSEAL 1.5 SRS PLUG ASSY BLACK



TE Part #2203663-6
2X9 SEALED PLUG ASSY KEY B



TE Part #2236269-2
24POS, MIXED,REC HSG, 20GENYMCP,ASSY,CODB

Documents

Product Drawings
2.8MM SFC, TERMINAL, SWS, LL
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

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