



Automotive Parts > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

Mating Tab Width: **4.8 mm, 6.3 mm [.189 in, .25 in]**

Interface Plating: **Silver (Ag)**

[All AMP MCP, RECEPTACLE AND TAB \(105\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Integrated in Housing
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	17 A
Crimp Type	F-Crimp
Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Silver
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 6.3 mm [.189 in][.25 in]
Interface Plating	Silver (Ag)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



Dimensions

Compatible Insulation Diameter Range	1.4 – 2.7 mm[.055 – .106 in]
Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²
Tab Length	19.95 mm[.785 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)

Industry Standards

Compatible With Agency/Standards Products	DIN 72036
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Packaging Features

Packaging Method	Reel
Packaging Quantity	1500

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

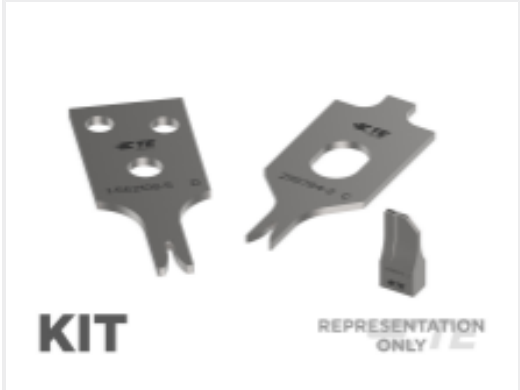
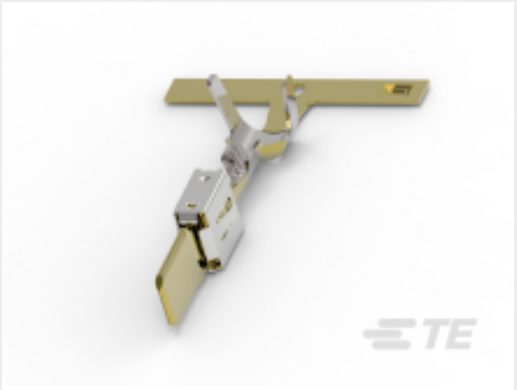


Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

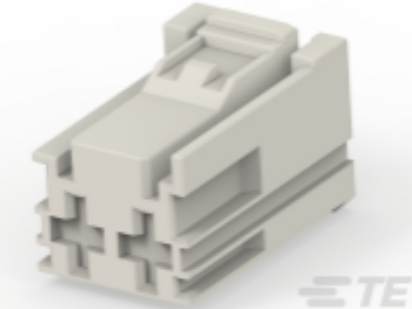
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1579007-3 EXTRACTION TOOL	 TE Part # 1394511-1 EINZELLEITDICHTG,WS	 TE Part # 1897210-1 MCP HYB 4P PLUG ASSY	 TE Part # 2177018-1 SINGLE WIRE SEAL,AMP MCP6.3/4.8K, YW
 TE Part # 7-2266632-7 OC-080F250O-CRIMPTOOLINGKIT	 TE Part # 2394300-1 EXTRACTION TOOL	 TE Part # CAT-N73-RA6348 48V Ready 6.3mm Sealed Connectors	 TE Part # 1-962917-2 TAB 5.8x0.8 CONTACT CS SWS Ag
 TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # 2151234-2 OCEAN_2.0_APPLICATOR-S-080F250O-RSA	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 7-2151234-7 OCEAN_2.0_SPARE_PART_KIT-080F250O

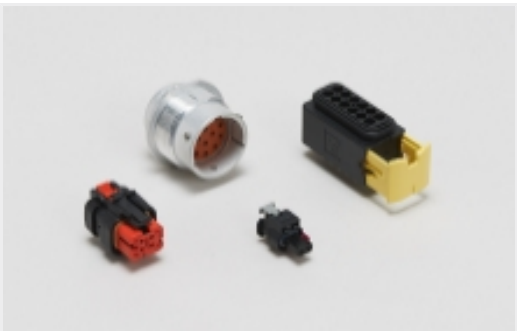


TE Part # CAT-L489-CH8172
[LEAVYSEAL Connector Housings](#)



TE Part # 2137182-1
[2Pos MCP6.3 Plug HSG](#)

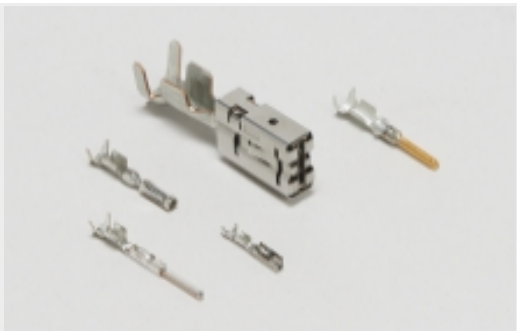
Also in the Series | [AMP MCP 6.3/4.8K](#)



[Automotive Housings\(11\)](#)



[Automotive Signal & Power Connector Housings\(11\)](#)



[Automotive Terminals\(28\)](#)



[Other Automotive Connector Accessories\(1\)](#)

Customers Also Bought



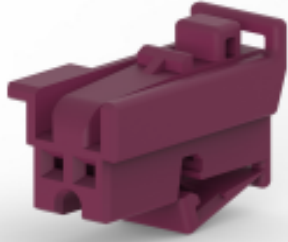
TE Part #808604-000
[222D121-4/42-0](#)



TE Part #HD17-9-1939S-P080
[PLG, 9P, GRN, N, THREAD, J1939, TYPE 2](#)



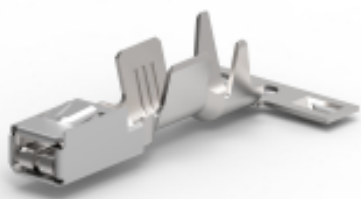
TE Part #770903-6
[MINI UMNL PIN 22-18 AWG AU](#)



TE Part #4-929080-5
[2POS MQS REC COD D](#)



TE Part #967650-4
[1,5MM BU-STE KPL 6P](#)



TE Part #1355950-3
[MPQ2,8 Ag rec LL unseal. >2,5-4,0](#)



TE Part #7-1393254-0
[W92-X112-15=M6/M7/M9/W6/W7](#)



TE Part #1393303-9
[V23134B0053C642-EV-CBOX](#)



TE Part #2-1630024-9
[HSC250 150R 5%](#)



TE Part #2312114-1
[14POS,NANOMQS,REC HSG ASSY, COD A](#)



Documents

Product Drawings

AMP MCP 6.3/4.8K, CONTACT, SWS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241412-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241412-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241412-3_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English