



Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **4.8 mm, 5.8 mm, 6.3 mm** [.189 in, .228 in, .248 in]

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

Terminal Transmits: **25 - 40 A (Power)**

Wire Size: **11 - 9 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(123\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	36 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm[.189 in][.228 in][.248 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	3.4 - 4.3 mm[.132 - .168 in]
Wire Size	4 - 6 mm ²
Wire Size Search	9 AWG, 10 AWG, 11 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

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	1700
Packaging Method	Reel

Other

Terminal Transmits	25 - 40 A (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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 1-1579007-3 EXTRACTION TOOL	 TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings	 TE Part # 1740723-3 FASTON 250 TAB ACTION PIN TPPBR	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING
 TE Part # 1394512-1 EINZELLEITDICHTG,BL	 TE Part # 2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV-RSM	 TE Part # 2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV-RSA	 TE Part # 2295763-1 MICRORELAY HOLDER ASSEMBLY
 TE Part # 2295764-1 MINIRELAY HOLDER ASSEMBLY	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2381114-1 SDE F AMP MCP 6.3/4.8K 4.0-6.0mm2 ASSY	 TE Part # 2381114-2 SDE F AMP MCP 6.3/4.8K 4-6mm2 DIE SET





TE Part # 2388170-1
4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD



TE Part # 2388170-2
4POS,AMP MCP 6.3/4.8K,REC HSG, UNSLD



TE Part # 2389827-1
4POS,HYBRID,REC HSG,UNSLD,MCP2.8,MCP6.3K



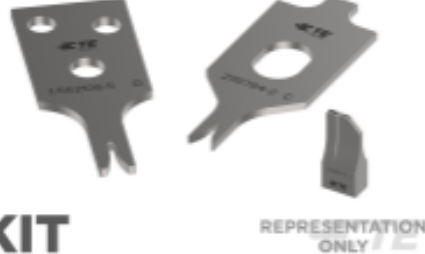
TE Part # 2837990-1
APPLICATOR TO MAKE LOOSE PIECE-RSM



TE Part # 2837990-2
APPLICATOR TO MAKE LOOSE PIECE-RSA



TE Part # 7-2151254-7
OCEAN_2.0_SPARE_PART_KIT-160F190OV



TE Part # 7-2836148-7
OC-160F190OV-CRIMPTOOLINGKIT



TE Part # 7-2837990-7
TOOLING KIT TO MAKE LOOSE PIECE TERMINAL

Also in the Series | AMP MCP Connector System



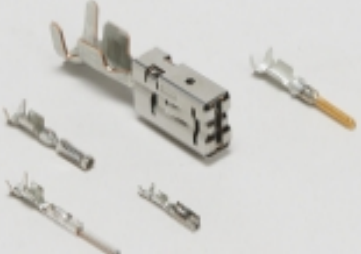
Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(329)



Automotive Terminals(129)



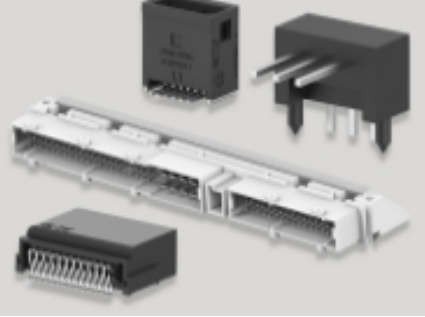
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part # 2040168-1
0.64 RCPT SEALED TIN STRIP(L SIZE)



TE Part # 2141894-2
JPT A REC 2.8 Contact SWS Sn



TE Part # 6-1379731-3
18pos MQS .63 header 90deg THR



TE Part # 1-968050-1
SPECIAL TERMINAL 11-10 AWG PTPB

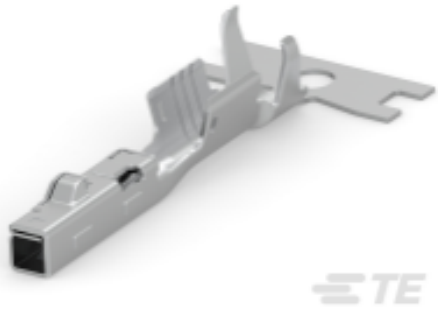




TE Part # 1563125-1
10POS, MIXED,TAB HSG



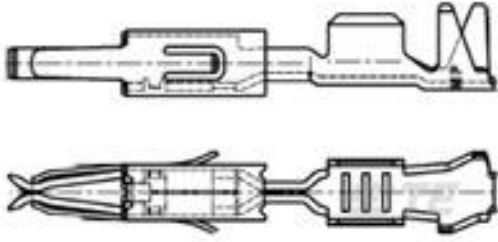
TE Part # 2296537-1
MONO MCON1.2 REC TERMINAL



TE Part # 2296537-3
REM MONO 1.2 TERMINAL



TE Part # 2298627-1
24POS,HYBRID,TAB HSG ASSY, UNSLD,COD A



TE Part # 4-1241732-1
MT3 REC 1.6 Contact SRC Au



TE Part # 9-2177810-2
PIN DIA 6.0, L/N, ASSY

Documents

Product Drawings
AMP MCP 6.3/4.8K, CONTACT
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1241408-1_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_1241408-1_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1241408-1_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications
Engineering Specification
English
Engineering Specification
English