



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: **13 – 11 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(110\)](#)

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	30 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	Silver (Ag)



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.4 – 4.4 mm[.132 – .172 in]
Wire Size	2.5 – 4 mm²
Wire Size Search	11 AWG, 12 AWG, 13 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °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	2000
Packaging Method	Box

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



Does not contain REACH SVHC

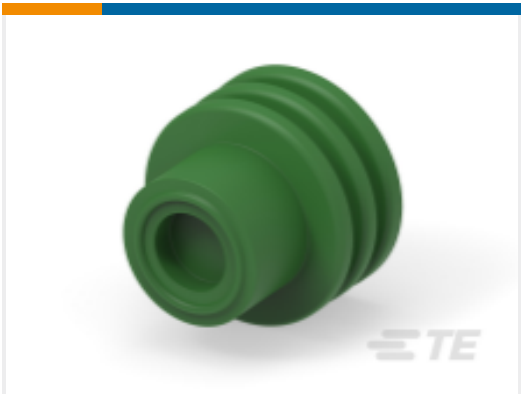
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

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 # 1719043-1 SINGLE WIRE SEAL, GREEN	 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # CAT-AM705-CH8173 AMP Unsealed Connector Housing
 TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING	 TE Part # 1394512-1 EINZELLEITDICHTG, BL	 TE Part # 2151070-1 OCEAN_2.0_APPLICATOR-S-130F180OV-RSM	 TE Part # 2151070-2 OCEAN_2.0_APPLICATOR-S-130F180OV-RSA
 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 # 7-2151070-7 OCEAN_2.0_SPARE_PART_KIT-130F180OV



TE Part # CAT-M9194-CH8172
MULTILOCK, CONNECTOR HOUSING

TE Part # 2394300-1
EXTRACTION TOOL

Also in the Series | AMP MCP 6.3/4.8K

Automotive Housings(10)

Automotive Terminals(30)

Connector Seals & Cavity Plugs(1)

Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #7-1452656-3
MCON Receptacle and Tab

TE Part #965914-1
MT3 REC 1.6 Contact SRC Au

TE Part #2141828-1
MQS, RECEPTACLE AND TAB

TE Part #1703826-1
2POS,TAB 4.8X0.8,TAB HSG,ASYM, ASSY

TE Part #2-968859-3
AMP MCP 2.8, CONTACT SWS

TE Part #0838016010
RBK-VWS-125-NR1-X-35MM

TE Part #6-1355134-1
VERRIEGLUNG F94P

TE Part #1862029-5
SPT REC 6.3 Contact SRC Ag

Documents

- Product Drawings
- AMP MCP 6.3/4.8K, CONTACT
- English
- AMP MCP 6.3/4.8K, CONTACT
- English

CAD Files



3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1241406-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241406-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241406-3_A.3d_stp.zip](#)

English

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Product Specifications

Application Specification

German

Application Specification

English