



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: **0 – 24 A (Low Power)**

Wire Size: **20 – 17 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	17 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	1.4 – 2.1 mm [.055 – .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 [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	1800
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>

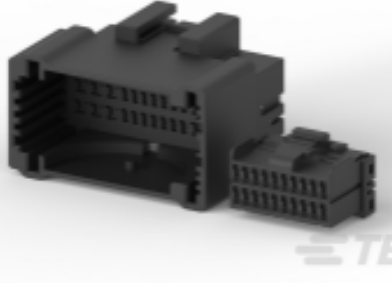
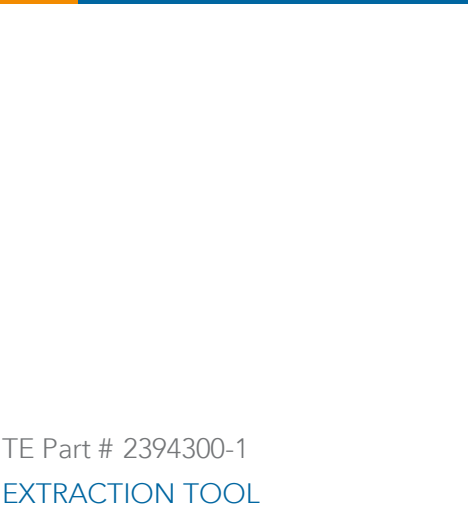
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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 # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	 TE Part # 1-1579007-3 EXTRACTION TOOL	 TE Part # CAT-AM705-CH8173 AMP Unsealed Connector Housing	 TE Part # 2151190-1 OCEAN_2.0_APPLICATOR-S-080F110OV-RSM
 TE Part # 2151190-2 OCEAN_2.0_APPLICATOR-S-080F110OV-RSA	 TE Part # 2177018-1 SINGLE WIRE SEAL,AMP MCP6.3/4.8K,YW	 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 7-2151190-7 OCEAN_2.0_SPARE_PART_KIT-080F110OV
 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 #1418994-1
AMP MCP 2.8 HSG.WITH SEC.10POS



TE Part #1241416-3
AMP MCP, RECEPTACLE AND TAB



TE Part #927840-5
SPT REC 6.3 Contact SRC Ag



TE Part #2177090-2
STEEL,OUTER FERRULE,8MM HV, 35SQMM



TE Part #1452409-2
SECONDARY LOCK FOR 58 POS CONN



TE Part #1-962889-1
LOCKING TAB REC



TE Part #2103731-3
SPACER-SEAL ASSY,SIZE C,HVA280 2PI SE



TE Part #2208833-1
RETAINER, FOR NANOMQS



TE Part #2208856-1
RETAINER, FOR AMP MCP2.8

Documents

Product Drawings

AMP MCP 6.3/4.8K, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241402-3_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1241402-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241402-3_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English