

1241402-3 ✓ ACTIVE

AMP MCP | AMP MCP 6.3/4.8K

TE Internal #: 1241402-3

Receptacle Terminal, 20 – 17 AWG, .5 – 1 mm² Wire, 4.8 mm / 5.8 mm / 6.3 mm [.189 in / .228 in / .248 in] Tab Width, Silver (Ag), AMP MCP 6.3/4.8K

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



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

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

Interface Plating: **Silver (Ag)**

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

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

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	Tin
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm [.189 in][.228 in][.248 in]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.8 mm [.031 in]

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	20 – 17 AWG
Wire Size Search	.5 mm ² , .6 mm ² , .75 mm ² , 1 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C [212 °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	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	1800

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 # 1534399-1
MCP CONNECTOR 32P



TE Part # 1534399-2
32POS, MIXED, HEADER ASSY,
TURNED SLIDE



TE Part # 2151190-1
OCEAN_2.0_APPLICATOR-S-
080F110OV-RSM



TE Part # 2151190-2
OCEAN_2.0_APPLICATOR-S-
080F110OV-RSA



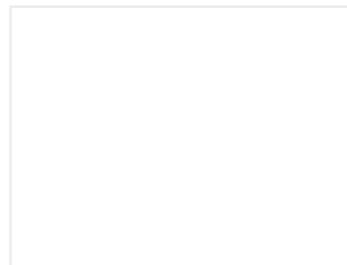
TE Part # 1-1579007-3
EXTRACTION TOOL



TE Part # 2177018-1
SINGLE WIRE SEAL, AMP MCP6.3/4.8K,
YW



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



TE Part # 2394300-1
EXTRACTION TOOL



TE Part # 1534053-1
MCP CONNECTOR 32P



TE Part # CAT-H3399-CH8172
Heavy-Duty Sealed Connector Series
Housings



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No
Crimp



KIT
REPRESENTATION ONLY
TE Part # 7-2151190-7
OCEAN_2.0_SPARE_PART_KIT-
080F110OV

Also in the Series | **AMP MCP 6.3/4.8K**



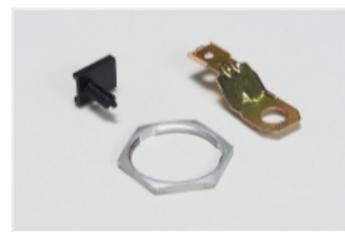
Automotive Housings(11)



Automotive Seals & Cavity Plugs(4)



Automotive Signal & Power Connector Housings(11)



Other Automotive Connector Accessories(1)

Customers Also Bought

TE Part #ES43482001
EVDW-40/13-3-STKTE Part #60295-1
FASTIN FASTON 250 REC 22-18 AWG
BRTE Part #8-320559-5
SPLC BUTT PIDG 22-16C 22-18MTE Part #928909-2
PL 250 REC TERMINAL 24-20 AWG
TPBRTE Part #CAT-AM705-T273
AMP MCP, RECEPTACLE AND TABTE Part #1862028-5
SPT REC 6.3 Contact SRC AgTE Part #1862029-5
SPT REC 6.3 Contact SRC AgTE Part #1-2141857-3
AMP MCP 2.8, CONTACTTE 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