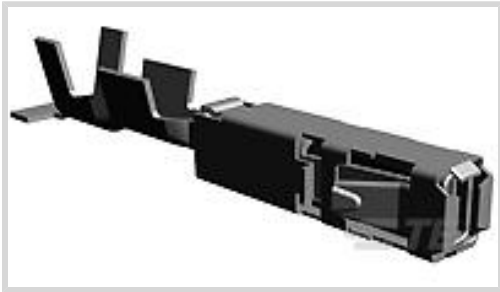




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **20 – 17 AWG**

Mating Tab Width: **1.5 mm [.059 in]**

Interface Plating: **Tin (Sn)**

[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	12 A
Crimp Type	F-Crimp
Contact Size	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.6 mm[.024 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

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Wire Size	20 – 17 AWG
Wire Size Search	.5 mm², .6 mm², .75 mm², 1 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C[212 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °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	6000

Other

Terminal Transmits	0 – 24 A (Low Power)
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Product Compliance

For compliance documentation, visit the product page on TE.com>

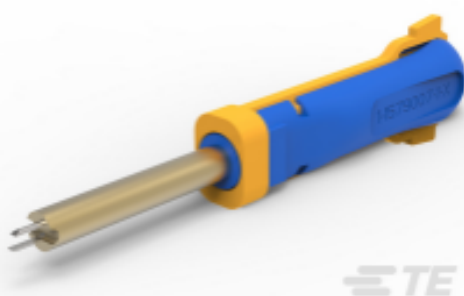
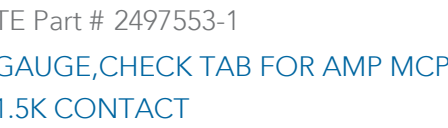
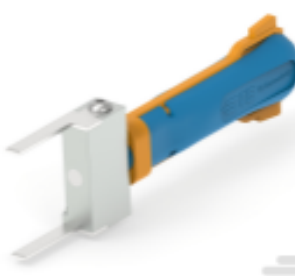
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

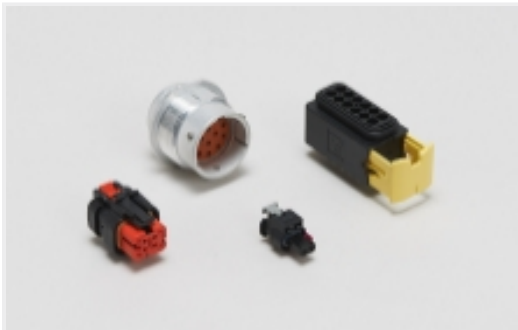
Compatible Parts

 TE Part # 2385319-2 EXTRACTION TOOL	 TE Part # 2151581-1 OCEAN-2.0-APPLICATOR-S-070F090OV-RSM	 TE Part # 2151581-2 OCEAN-2.0-APPLICATOR-S-070F090OV-RSA	 TE Part # 1-1579007-1 EXTRACTION TOOL
 TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	 TE Part # 2497553-1 GAUGE,CHECK TAB FOR AMP MCP 1.5K CONTACT	 TE Part # CAT-AM705-CH8173 AMP Unsealed Connector Housing	 TE Part # 7-2151581-7 OCEAN_2.0_SPARE_PART_KIT-070F090OV
 TE Part # 2385319-3 EXTRACTION TOOL	 TE Part # 2385319-1 EXTRACTION TOOL	 TE Part # 2063524-2 SDE MCP1.5 0.2-1.0mm2 DIE SET	 TE Part # 2063524-1 SDE MCP1.5 0.2-1.0mm2 ASSY

Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (3)



Automotive Housings(78)



Automotive Terminals(21)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #3-180916-0
FF 250 TAB HSG 1P NYLON NAT



TE Part #CAT-M4599-B128
AMP Carrier for Receptacle Inserts



TE Part #1241846-1
TAB A 1.6x0.6 CONTACT CS SRC Sn



TE Part #1-2176343-1
CRGCQ 1206 68R 1%



TE Part #1924879-2
GET, FEM TERM, AG, THIN, B-CRI



TE Part #CAT-AM705-CH8173
AMP Unsealed Connector Housing

Documents

Product Drawings

AMP MCP 1.5K, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241376-1_B_c-1241376-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241376-1_B_c-1241376-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241376-1_B_c-1241376-1-b.3d_stp.zip

English

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



Product Specifications

Application Specification

German

Application Specification

English