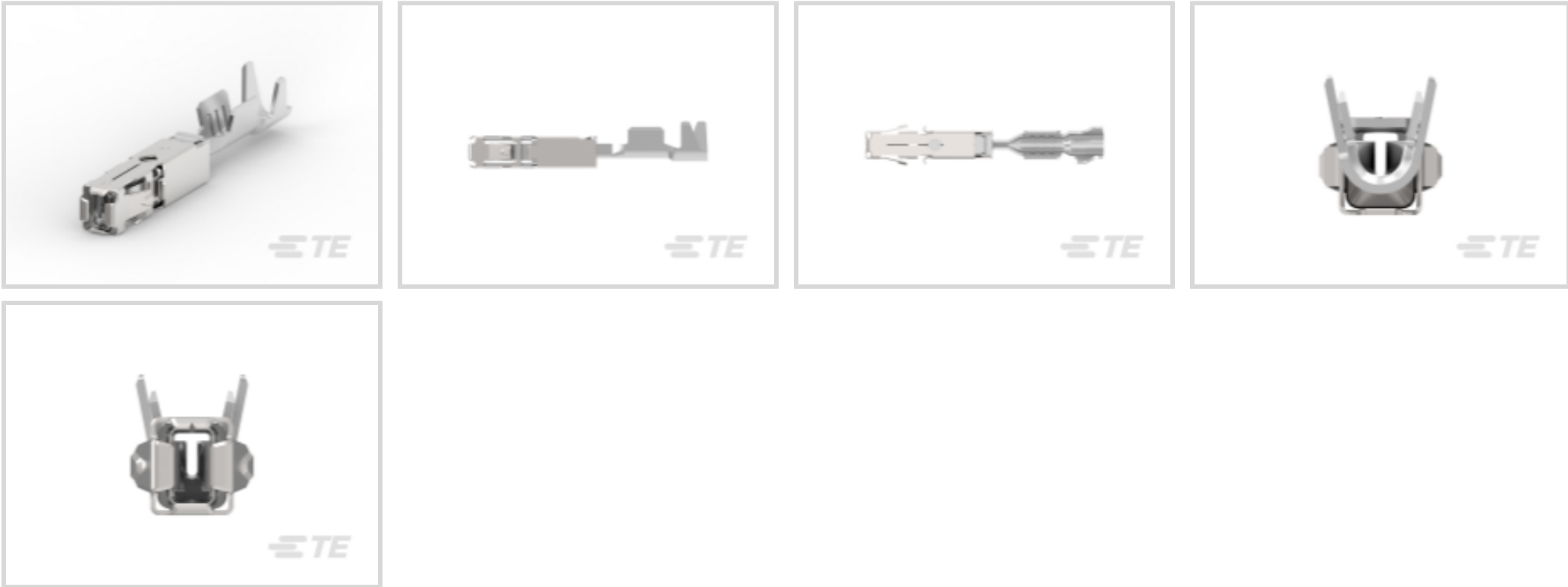




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.6 mm [.024 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	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	14 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Gold (Au)



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 mm ²
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, 145 °C, 150 °C [176 °F] [185 °F] [194 °F] [212 °F] [221 °F] [230 °F] [248 °F] [257 °F] [266 °F] [284 °F] [293 °F] [302 °F]
Operating Temperature Range	-40 – 150 °C [-40 – 302 °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	8000
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)



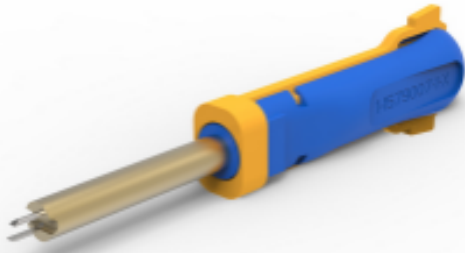
Candidate List Declared Against: JUNE
2024 (241)
Does not contain REACH SVHC

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-AM705-CH8173 AMP Unsealed Connector Housing	 TE Part # 963530-1 EINZELLEITERDICHUNG	 TE Part # 1-1579007-1 EXTRACTION TOOL	 TE Part # 964972-1 EINZELLEITERDICHUNG
 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # 2208746-1 28POS MQS REC	 TE Part # 2063524-1 SDE MCP1.5 0.2-1.0mm2 ASSY	 TE Part # 2063524-2 SDE MCP1.5 0.2-1.0mm2 DIE SET



TE Part # 2151188-1 OCEAN-2.0-APPLICATOR-S-070F090O-RSM	TE Part # 2151188-2 OCEAN-2.0-APPLICATOR-S-070F090O-RSA	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 5-2151188-1 OCEAN-2.0-APPLICATOR-S-070F090O-RSM
TE Part # 5-2151188-2 OCEAN-2.0-APPLICATOR-S-070F090O-RSA	TE Part # 7-2151188-7 OCEAN_2.0_SPARE_PART_KIT-070F090O	TE Part # 7-2266182-7 OC-070F090O-752-CRIMPTOOLINGKIT	TE Part # 2385319-1 EXTRACTION TOOL
TE Part # 2385319-2 EXTRACTION TOOL	TE Part # 2385319-3 EXTRACTION TOOL		

Also in the Series | AMP MCP 1.5K

Automotive Connector Caps & Covers (3)	Automotive Housings(80)	Automotive Terminals(22)	Insertion & Extraction Tools(1)
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Customers Also Bought

TE Part #1-1564297-6 31POS, MIXED,REC HSG,ASSY	TE Part #3-1418469-1 Heavy Duty Sealed Connector Series Housings	TE Part #5-1703282-1 MQS0,63 Sn rec CB unseal. 0,5-0,75 2P	TE Part #1241375-1 AMP MCP 1.5K, CONTACT, (LP)
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 TE Part #1-2186510-1 T3200-PRINTER-CUTTER	 TE Part #3-2112231-1 46POS,AMP MCP1.5K,REC HSG,ASSY	 TE Part #2319550-1 RESOLVER,ROTOR WITH RIVETS MARKED	 TE Part #2319554-1 RESOLVER,SCR408 MEB PLUS STA BRACKT MRKD
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Documents

Product Drawings

AMP MCP 1.5K, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241374-2_B_c-1241374-2-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241374-2_B_c-1241374-2-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241374-2_B_c-1241374-2-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