

1241374-2 ✓ ACTIVE

AMP | AMP MCP Connector System

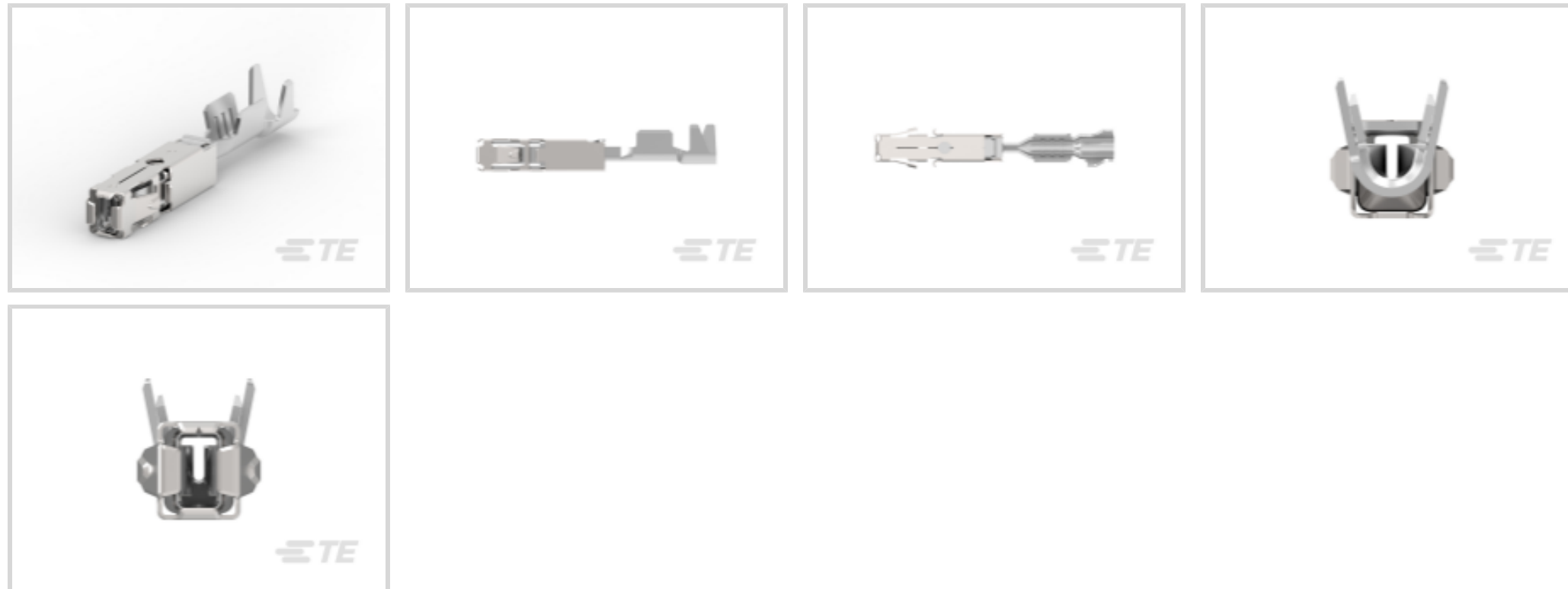
TE Internal #: 1241374-2

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .6 mm [.024 in], 20 – 17 AWG Wire Size, AMP MCP Connector System

[View on TE.com >](#)



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 \(129\)](#)

### 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 <sup>2</sup>
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

Agency/Standard	LV214
-----------------	-------

### Packaging Features

Packaging Quantity	8000
Packaging Method	Reel

### Other

Terminal Transmits	0 – 24 A (Low Power)
--------------------	----------------------

### 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 2023 (235)



Candidate List Declared Against: JUNE 2023 (235)

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 MCP Unsealed Connector Housings




TE Part # 964972-1  
EINZELLEITERDICHTNG



TE Part # 963530-1  
EINZELLEITERDICHTNG



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



TE Part # CAT-L489-CH8172  
LEAVYSEAL Housings



TE Part # 1-1579007-1  
EXTRACTION TOOL



TE Part # 2208746-1  
28POS MQS REC



TE Part # 2063524-1  
SDE MCP1.5 0.2-1.0mm2 ASSY

REPRESENTATION ONLY. DIE SET MAY VARY.




TE Part # 2063524-2  
SDE MCP1.5 0.2-1.0mm2 DIE SET



TE Part # 2151188-1  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 2151188-2  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 5-2151188-1  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 5-2151188-2  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 7-2151188-1  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 7-2151188-2  
OCEAN-2.0-APPLICATOR-S-070F0900



TE Part # 7-2151188-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F0900



TE Part # 7-2266182-7  
OC-070F0900-752-CRIMPTOOLINGKIT



TE Part # 2-2151188-1  
OCEAN-2.0-APPLICATOR-S-070F0900




TE Part # 2-2151188-2  
OCEAN-2.0-APPLICATOR-S-070F0900

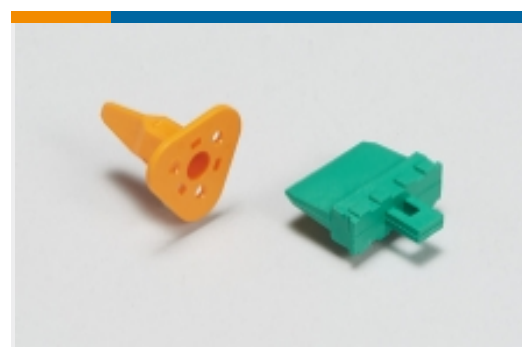


TE Part # 2385319-1  
EXTRACTION TOOL


Also in the Series | AMP MCP Connector System




Automotive Connector Caps & Covers (25)




Automotive Connector Locks & Position Assurance (7)




Automotive Housings (360)




Automotive Terminals (135)



Connector Seals & Cavity Plugs (7)



Insertion & Extraction Tools (13)



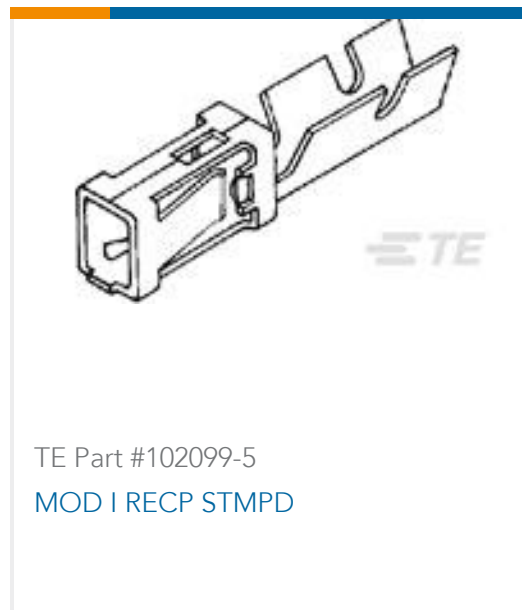
Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (30)

Customers Also Bought





TE Part #102099-5  
MOD I RECP STMPD



TE Part #3-1418469-1  
Heavy Duty Sealed Connector Series  
Housings



TE Part #1241375-1  
AMP MCP 1.5K, CONTACT, (LP)



TE Part #1-969489-2  
6POS MQS REC COD A



TE Part #3-2112231-1  
46POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #7-2151311-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-  
050F0700

## 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