

**WIN***SOURCE*  
**ELECTRONICS**

**THE DATASHEET OF**  
**1-929080-5**



2-1241408-3 ✓ ACTIVE

AMP MCP | AMP MCP 6.3/4.8K

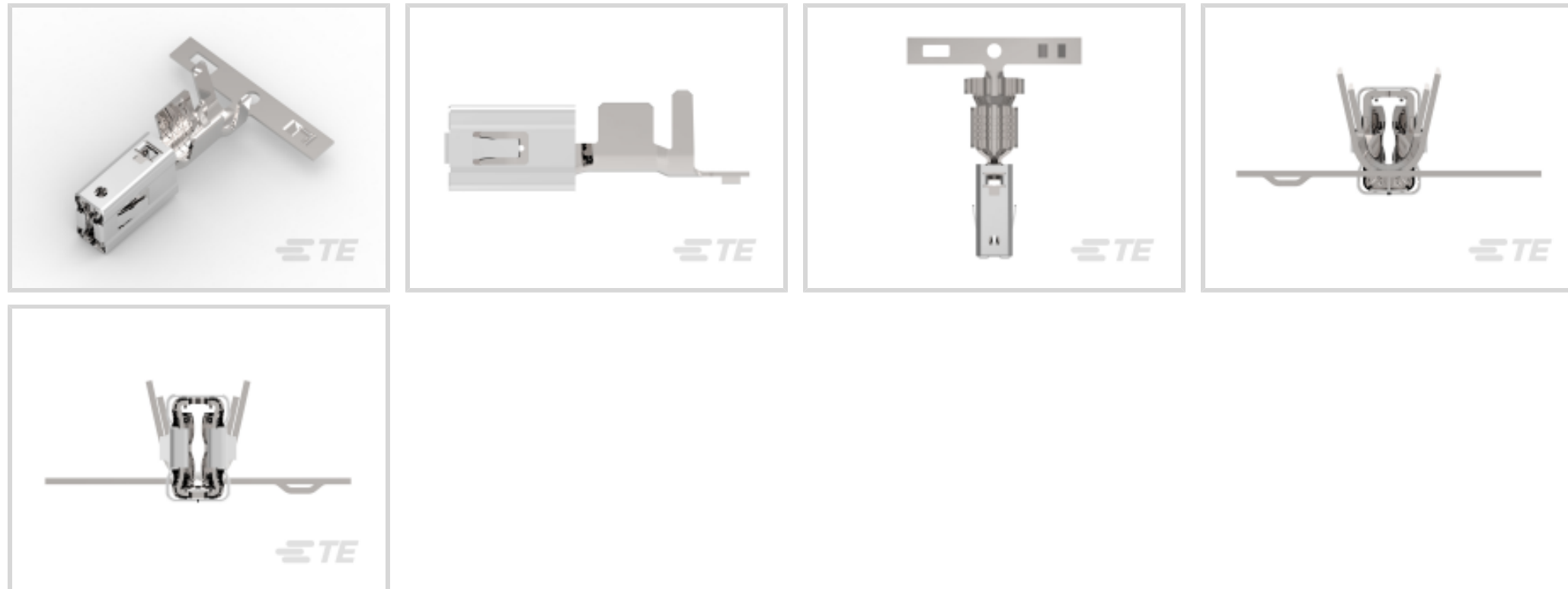
TE Internal #: 2-1241408-3

Receptacle Terminal, 11 – 9 AWG, 4 – 6 mm<sup>2</sup> 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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Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **11 – 9 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	36 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	3.4 – 4.3 mm [.132 – .168 in]
Wire Size	11 – 9 AWG
Wire Size Search	4 mm <sup>2</sup> , 5 mm <sup>2</sup> , 6 mm <sup>2</sup>

### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	125 °C [338 °F]
Operating Temperature Range	-40 – 180 °C [-40 – 356 °F]

### Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production per Version June 2024, Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018)

### Industry Standards

Compatible With Agency/Standards Products	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	1700

### Other

Terminal Transmits	25 – 40 A (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 reviewed 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 # 2394300-1  
EXTRACTION TOOL

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151254-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-160F190OV

**KIT**  
REPRESENTATION ONLY

TE Part # 7-2836148-7  
OC-160F190OV-CRIMP TOOLING KIT

TE Part # 1-2282291-5  
2POS,HVA,630-2PHM PIGTAIL,HYB ASSY

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

TE Part # 2151254-1  
OCEAN\_2.0\_APPLICATOR-S-160F190OV-RSM

TE Part # 2151254-2  
OCEAN\_2.0\_APPLICATOR-S-160F190OV-RSA

TE Part # 1534404-1  
MCP6.3 RECEP HSG4P

TE Part # 1-1579007-3  
EXTRACTION TOOL

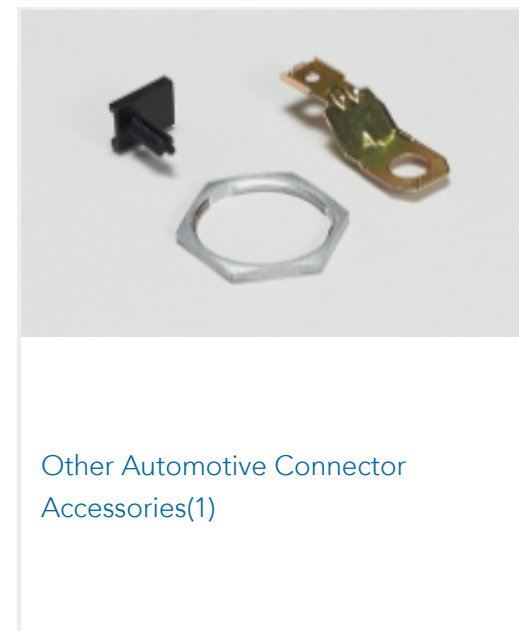
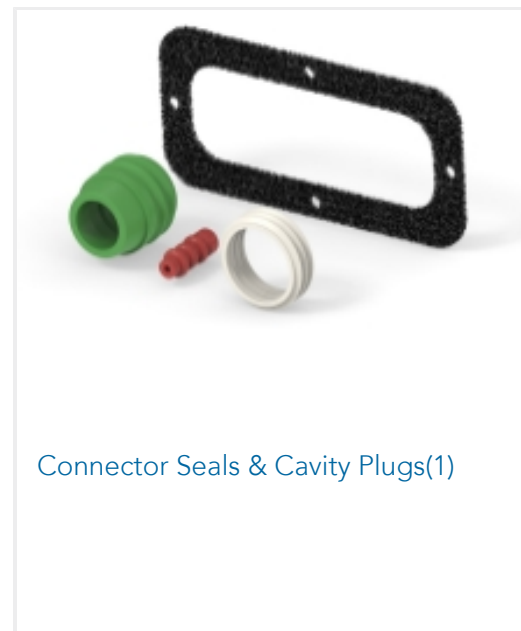
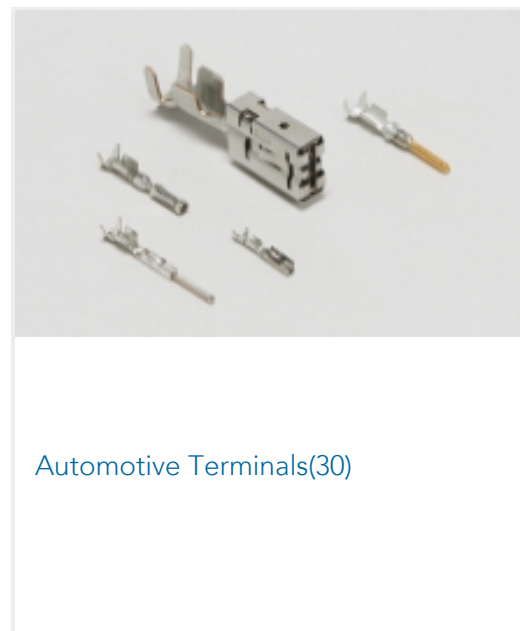
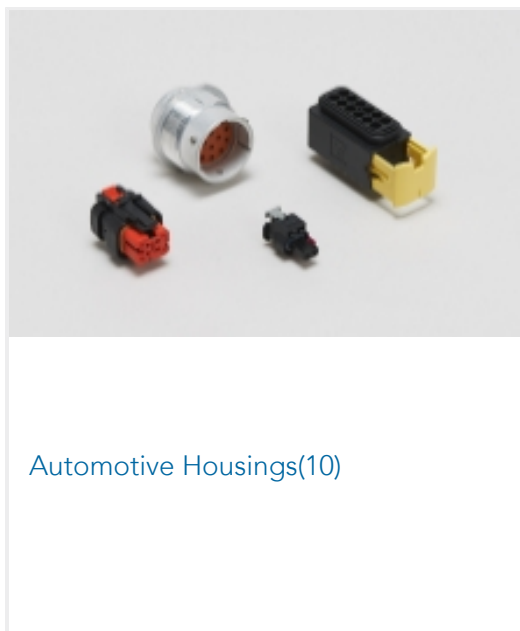
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5POS,HVA,630,PIGTAIL,HYB ASSY

TE Part # 1534404-2  
MCP6.3 RECEP HSG4P

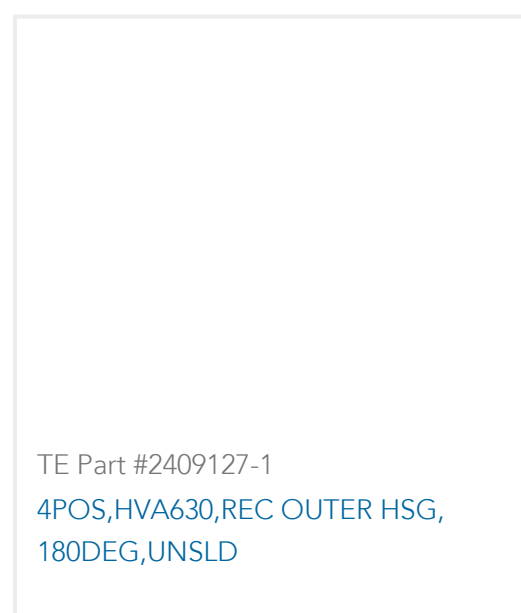
TE Part # 2-2282265-5  
5POS,HVA,630,PIGTAIL,HYB ASSY



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



Customers Also Bought





## Documents

### Product Drawings

[AMP MCP 6.3/4.8K, CONTACT](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1241408-3\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1241408-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1241408-3\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

[Engineering Specification](#)

English

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Click below to explore more details on WIN SOURCE:

[View 1-929080-5 on WIN SOURCE](#)

[TE Connectivity Information](#)

### Optimize Your Supply Chain with WIN SOURCE Solutions

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management