# 1241402-3 ✔ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241402-3

Automotive Terminals, Receptacle, Mating Tab Width 5.8 mm / 6.3 mm / 4.8 mm [.189 in / .248 in / .228 in], AMP MCP Connector System

View on TE.com >

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



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.8 mm [ .031 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 | 4.8mm, 6.3mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Typical Current Rating | 17 A |
| Crimp Type | F-Crimp |
| Terminal Type | Receptacle |
| Mating Tab Width | 4.8 mm, 5.8 mm, 6.3 mm[.189 in][.228 in][.248 in] |
| Mating Tab Thickness | .8 mm[.031 in] |
| Interface Plating | Silver (Ag) |

### 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 mm² |
| 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[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F] |
| Operating Temperature Range | -40 – 140 °C[-40 – 284 °F] |

## Operation/Application

| | |
|---|---|
| Compatible With Wire Base Material | Copper |

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1800 |
| 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)<br>Candidate List Declared Against: JAN 2023 (233)<br>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-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



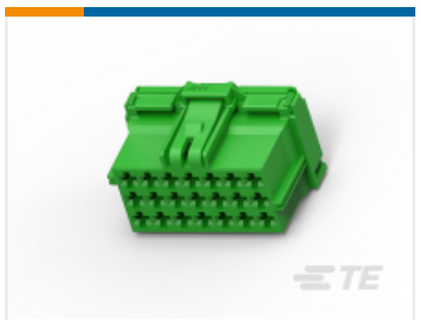
TE Part # 1-1579007-3
EXTRACTION TOOL



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



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



TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



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



TE Part # 2-2151190-1
OCEAN_2.0_APPLICATOR-S-080F110OV



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



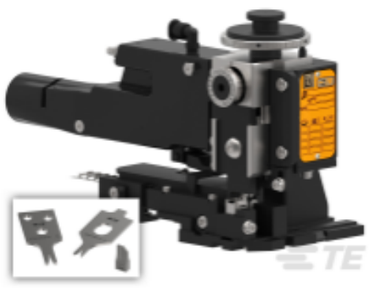
TE Part # 2151190-1
OCEAN_2.0_APPLICATOR-S-080F110OV



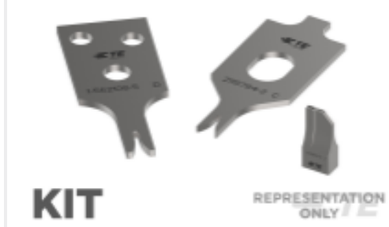
TE Part # 2151190-2
OCEAN_2.0_APPLICATOR-S-080F110OV



TE Part # 7-2151190-1
OCEAN_2.0_APPLICATOR-S-080F110OV



TE Part # 7-2151190-2
OCEAN_2.0_APPLICATOR-S-080F110OV



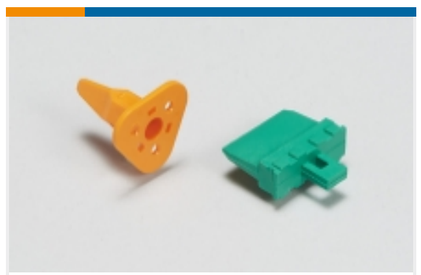

TE Part # 7-2151190-7
OCEAN_2.0_SPARE_PART_KIT-080F110OV

TE Part # 2394300-1
EXTRACTION TOOL

## Also in the Series | AMP MCP Connector System



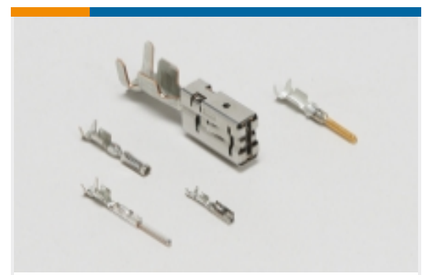
Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(360)



Automotive Terminals(135)



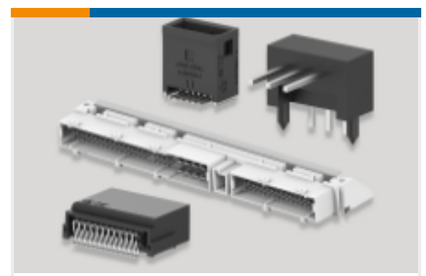
Connector Seals & Cavity Plugs(6)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(30)

## Customers Also Bought



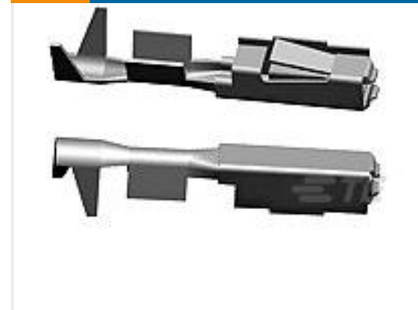
TE Part #1241404-3
AMP MCP, RECEPTACLE AND TAB



TE Part #2141970-1
MCON 1.2 LL REC SWS SN



TE Part #4-1718353-3
2POS,5.8X0.8,TAB HSG,COD D



TE Part #5-962885-6
MQS0,63 Ag rec LL EDS 0,2-0,35

TE Part #1-962889-1
LOCKING TAB REC



TE Part #1-2141857-3
AMP MCP 2.8, CONTACT



TE Part #1-962890-1
TAB RECEPTACLE 0.5-1.0 MM2 PTPPHBZ



TE Part #1-962892-1
FAST STECKHUELSE8,1

## 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

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

### Product Specifications

Application Specification

German

Application Specification

English