

1241404-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241404-1

Automotive Terminals, Receptacle, Mating Tab Width 6.3 mm / 4.8 mm / 5.8 mm [.248 in / .228 in / .189 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: 15 – 13 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 | 24 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 | Tin (Sn) |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To | Wire |



Dimensions

| | |
|--------------------------------------|-----------------------------|
| Compatible Insulation Diameter Range | 2.2 – 3 mm [.086 – .118 in] |
| Wire Size | 1.5 – 2.5 mm ² |
| Wire Size Search | 13 AWG, 14 AWG, 15 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 [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F] |
| Operating Temperature Range | -40 – 130 °C [-40 – 266 °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 | 2000 |
| 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-H3399-CH8172
Heavy Duty Sealed Connector Series Housings



TE Part # 1-1579007-3
EXTRACTION TOOL



TE Part # 1823111-1
SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN



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



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



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # CAT-AC853-T273
PRESS FIT PIN TERMINALS



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



TE Part # 2109193-1
025/060/250 HYB LIF 41P PLUG A



TE Part # 1394511-1
EINZELLEITDICHTG, WS



TE Part # 2112668-1
23POS MIXED MQS REC



TE Part # 2151059-1
OCEAN_2.0_APPLICATOR-S-110F1400V




TE Part # 2151059-2
OCEAN_2.0_APPLICATOR-S-110F140OV



TE Part # 2836684-1
APPLICATOR TO MAKE LOOSE PIECE TERMINAL



TE Part # 7-2151059-1
OCEAN_2.0_APPLICATOR-S-110F140OV

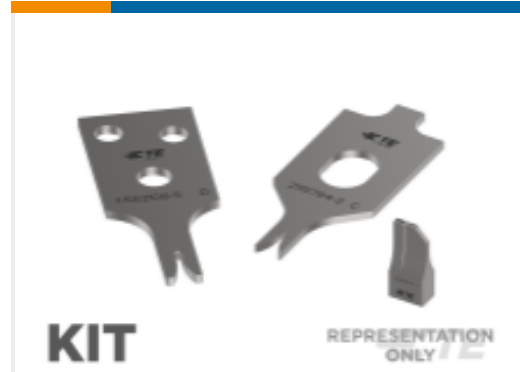


TE Part # 7-2151059-2
OCEAN_2.0_APPLICATOR-S-110F140OV



KIT
REPRESENTATION ONLY

TE Part # 7-2151059-7
OCEAN_2.0_SPARE_PART_KIT-110F140OV



KIT
REPRESENTATION ONLY

TE Part # 7-2836684-7
TOOLING KIT TO MAKE LOOSE PIECE TERMINAL




TE Part # 2-2151059-1
OCEAN_2.0_APPLICATOR-S-110F140OV

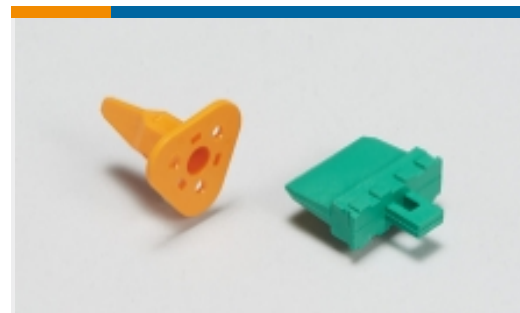


TE Part # 2-2151059-2
OCEAN_2.0_APPLICATOR-S-110F140OV


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 #1563719-1
MCON Receptacle and Tab



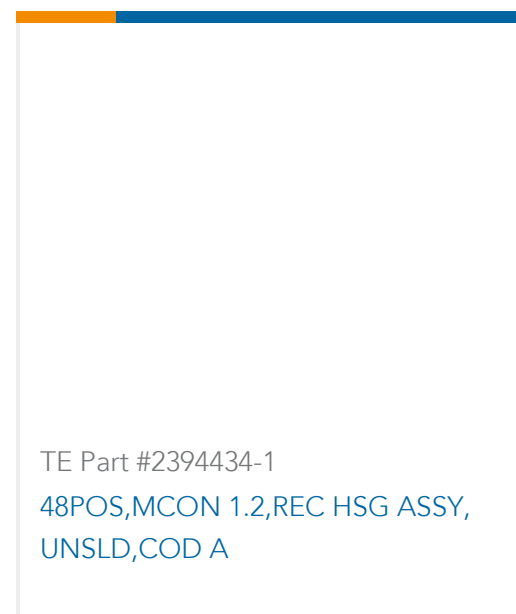
TE Part #1241844-2
TIMER, RECEPTACLE AND TAB



TE Part #284844-4
12 POS MCP HYBRID MALE CONN AS



TE Part #1394139-1
8POS MQS REC



Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1241404-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241404-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1241404-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English