

1564984-1 ✓ ACTIVE

AMP MCP | AMP MCP 2.8

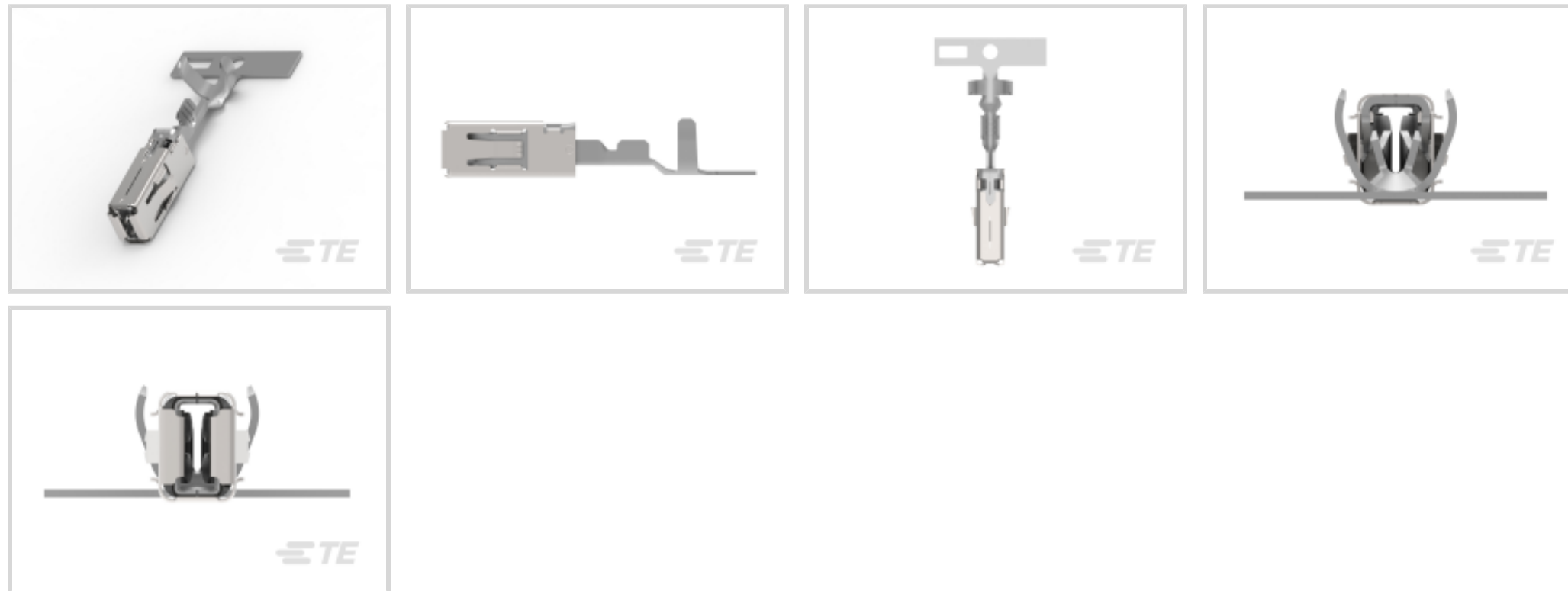
TE Internal #: 1564984-1

Automotive Terminals, Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .6 mm / .8 mm [.024 in / .031 in], AMP MCP 2.8

[View on TE.com >](#)



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



Terminal Type: **Receptacle**

Mating Tab Width: **2.8 mm [.11 in]**

Mating Tab Thickness: **.6 mm, .8 mm [.024 in, .031 in]**

Terminal Transmits: **25 – 40 A (Power)**

Wire Size: **24 – 22 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(110\)](#)

Features

Product Type Features

| | |
|-------------------------|---------------|
| Receptacle Style | 180° |
| Sealable | Yes |
| Primary Locking Feature | Locking Lance |

Body Features

| | |
|--------------------|------------------------|
| Terminal Seal Type | Single Wire Seal (SWS) |
|--------------------|------------------------|

Contact Features

| | |
|----------------------|--------------------------------|
| Contact Size | 2.8K |
| Contact Fabrication | Stamped & Formed |
| Crimp Type | F-Crimp |
| Terminal Type | Receptacle |
| Mating Tab Width | 2.8 mm[.11 in] |
| Mating Tab Thickness | .6 mm, .8 mm[.024 in][.031 in] |
| Interface Plating | Tin (Sn) |



Termination Features

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

Dimensions

| | |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.1 – 1.4 mm [.043 – .055 in] |
| Wire Size | .2 – .35 mm ² |
| Wire Size Search | 22 AWG, 23 AWG, 24 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

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 3500 |
| Packaging Method | Reel |

Other

| | |
|--------------------|-------------------|
| Terminal Transmits | 25 – 40 A (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 2024 (241) Candidate List Declared Against: JAN 2024 (240) 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 # 963294-1
SINGLE WIRE SEAL INSULATION DI



TE Part # 2151484-1
OCEAN-2.0-APPLICATOR-S-062F155O-RSM



TE Part # 2151484-2
OCEAN-2.0-APPLICATOR-S-062F155O-RSA



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



TE Part # 5-2151484-1
OCEAN-2.0-APPLICATOR-S-062F155O-RSM



TE Part # 5-2151484-2
OCEAN-2.0-APPLICATOR-S-062F155O-RSA



KIT
TE Part # 7-2151484-7
OCEAN_2.0_SPARE_PART_KIT-062F155O



KIT
TE Part # 7-2836449-7
OC-062F155O-752-CRIMPTOOLINGKIT



TE Part # 7-2151484-1
OCEAN-2.0-APPLICATOR-S-062F155O

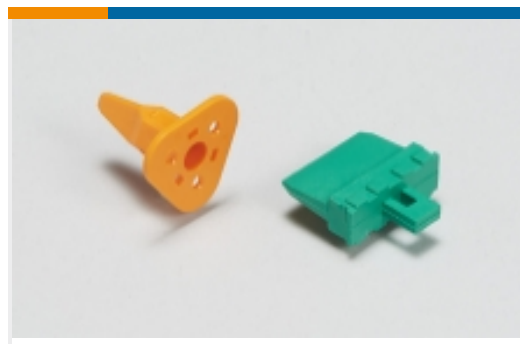


TE Part # 7-2151484-2
OCEAN-2.0-APPLICATOR-S-062F155O

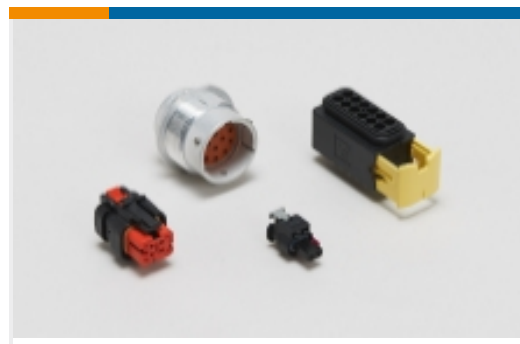
Also in the Series | **AMP MCP 2.8**



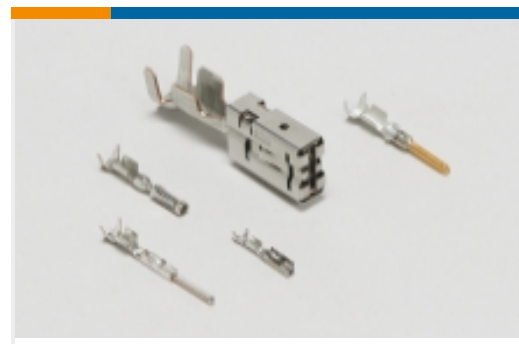
Automotive Connector Caps & Covers (1)



Automotive Connector Locks & Position Assurance (5)



Automotive Housings (162)



Automotive Terminals (54)



Connector Seals & Cavity Plugs (4)



Insertion & Extraction Tools (6)



Module Components (1)



Other Automotive Connector Accessories (1)

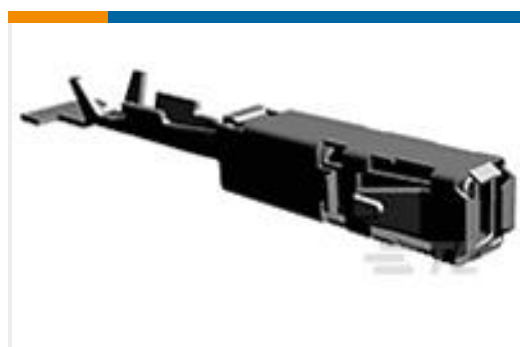


PCB Headers & Receptacles (1)

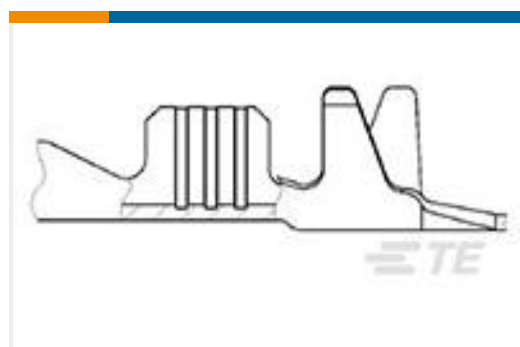
Customers Also Bought



TE Part #1379675-5
12W TAB HSG ASSY NATURAL



TE Part #1564980-1
AMP MCP 1.5K, CONTACT



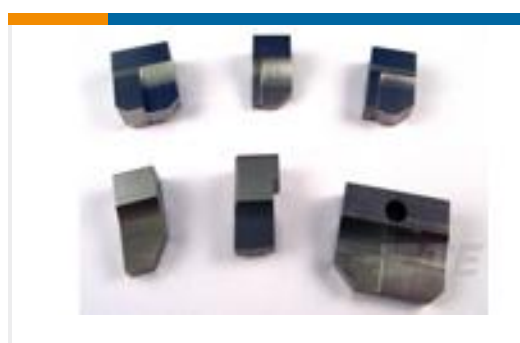
TE Part #2141892-2
JPT A REC 2.8 Contact SRC Sn



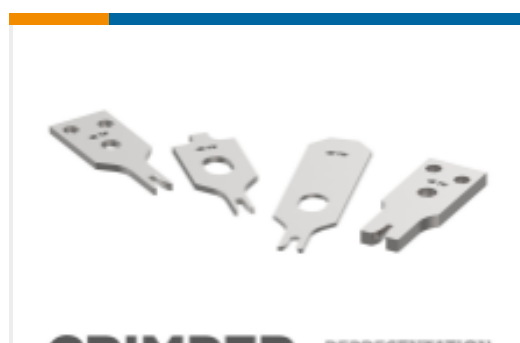
TE Part #1803018-3
CRIMPER, INSUL O



TE Part #1803426-2
ANVIL, COMBINATION, NO JOG, END FEED



TE Part #2-1633129-2
ANVIL, COMBINATION .062



TE Part #2-1803224-4
CRIMPER, WIRE F



TE Part #2217984-3
ANVIL



Documents

Product Drawings

[AMP MCP 2.8K, CONTACT, SWS](#)

English

[AMP MCP 2.8K, CONTACT, SWS](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1564984-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1564984-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1564984-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

German

[Application Specification](#)

German

[Application Specification](#)

English