

1564982-1 ✓ ACTIVE

AMP MCP Connector System

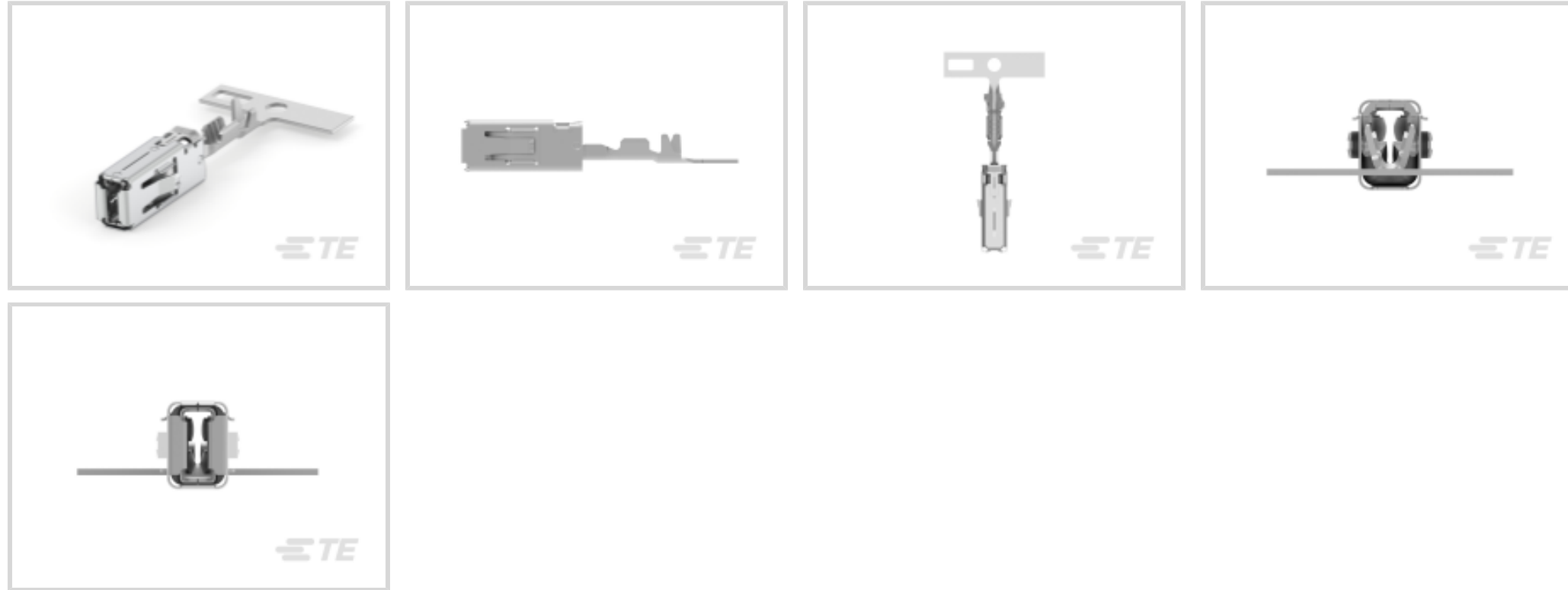
TE Internal #: 1564982-1

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

[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 \(129\)](#)

Features

Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

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

3.4 mm[.134 in]

Wire Size

.2 – .35 mm²

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

4000

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 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 # 963294-1
SINGLE WIRE SEAL INSULATION DI



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



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



TE Part # 2208746-1
28POS MQS REC



TE Part # 1563123-2
10POS, MIXED, REC HSG



TE Part # 2-2151483-1
OCEAN_2.0_APPLICATOR-S-062F0800



TE Part # 2-2151483-2
OCEAN_2.0_APPLICATOR-S-062F0800



TE Part # 2151483-1
OCEAN_2.0_APPLICATOR-S-062F0800



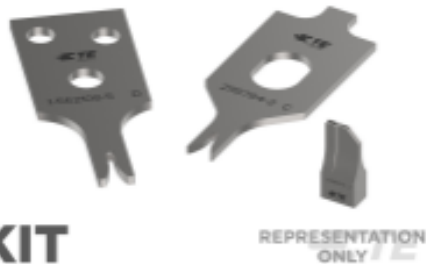
TE Part # 2151483-2
OCEAN_2.0_APPLICATOR-S-062F0800



TE Part # 7-2151483-1
OCEAN_2.0_APPLICATOR-S-062F0800



TE Part # 7-2151483-2
OCEAN_2.0_APPLICATOR-S-062F0800

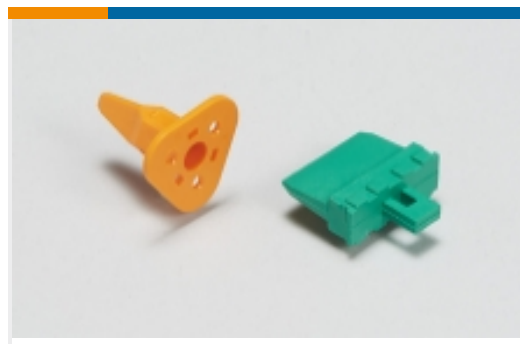


TE Part # 7-2151483-7
OCEAN_2.0_SPARE_PART_KIT-S-062F0800

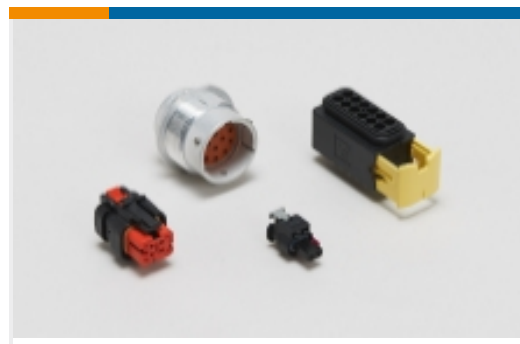
Also in the Series | **AMP MCP Connector System**



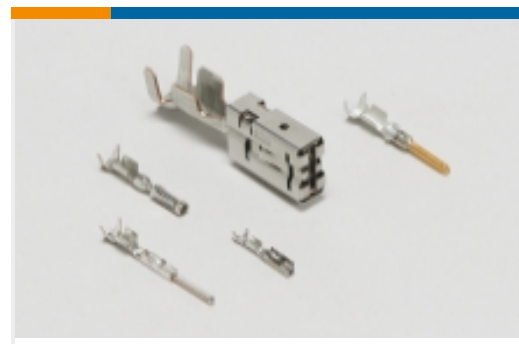
Automotive Connector Caps & Covers (25)



Automotive Connector Locks & Position Assurance (7)



Automotive Housings (360)



Automotive Terminals (135)



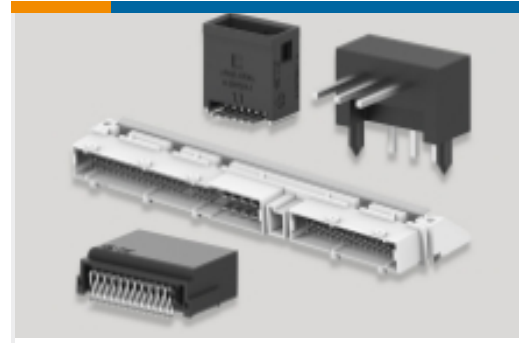
Connector Seals & Cavity Plugs (6)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (3)



PCB Headers & Receptacles (30)

Customers Also Bought



TE Part #964267-3
TIMER, RECEPTACLE AND TAB



TE Part #1241390-1
AMP MCP, RECEPTACLE AND TAB



TE Part #5053096055
RNF-100-1/4-0-20MM



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



TE Part #2112669-1
23POS MIXED MQS REC



TE Part #1418779-1



TE Part #2112675-1

Documents

Product Drawings

[AMP MCP 2.8K, CONTACT](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_1564982-1_C.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1564982-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1564982-1_C.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](#)

German

[Application Specification](#)

English