

1241394-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241394-1

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

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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 [.024 in, .031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **20 – 17 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(125\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

### Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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### Contact Features

Typical Current Rating	15 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.8 mm [.11 in]
Mating Tab Thickness	.6 mm [.024 in] [.031 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



### Dimensions

Wire Size	.5 – 1 mm <sup>2</sup>
Wire Size Search	17 AWG, 18 AWG, 19 AWG, 20 AWG
Wire Insulation Diameter	1.4 – 2.1 mm [.055 – .083 in]

### 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
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	3500

### Other

Terminal Transmits	0 – 24 A (Low 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # 1-1579007-2  
EXTRACTION TOOL



TE Part # 963294-1  
SINGLE WIRE SEAL INSULATION DI



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # CAT-M4595-CH8172  
MCON, CONNECTOR HOUSING



TE Part # CAT-AM705-CH8172  
AMP MCP, SEALED CONNECTOR HOUSING



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



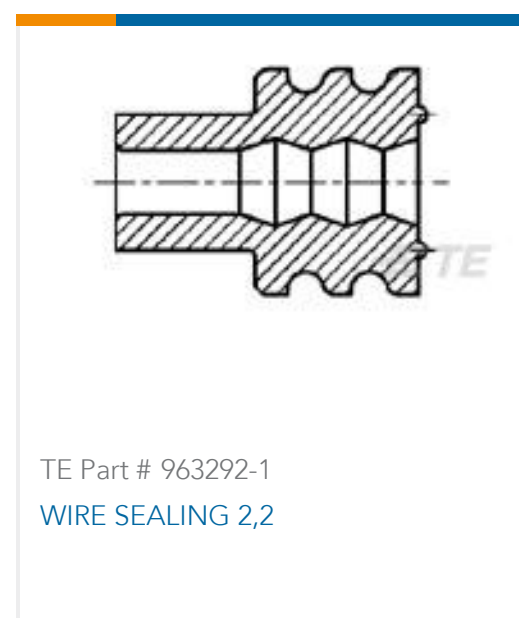
TE Part # 7-2151911-7  
OC-080F1600-752-CRIMP TOOLING KIT



TE Part # 2209545-1  
94P, MQS CB, REC HSG, ASSY, SEALED



TE Part # 963293-1  
SEALING F JPT+2,8



TE Part # 963292-1  
WIRE SEALING 2,2



TE Part # 1579008-9  
INSERTION TOOL



TE Part # 2-2151060-1  
OCEAN\_2.0\_APPLICATOR-S-080F1600



TE Part # 2-2151060-2  
OCEAN\_2.0\_APPLICATOR-S-080F1600



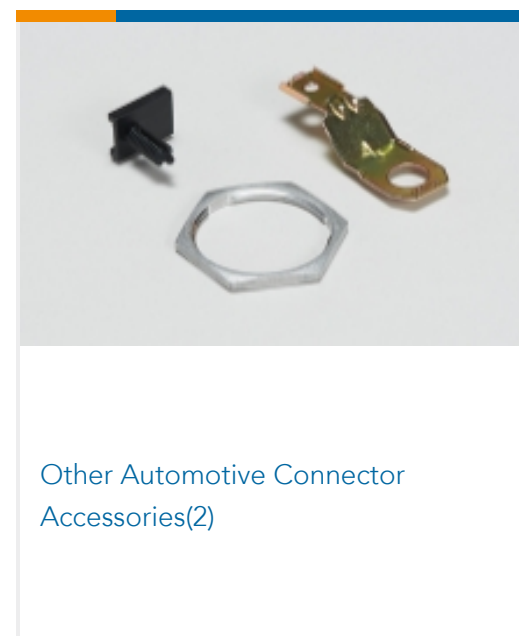
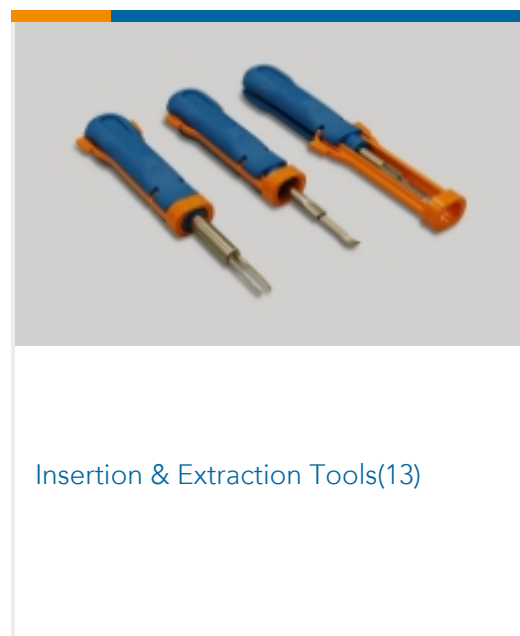
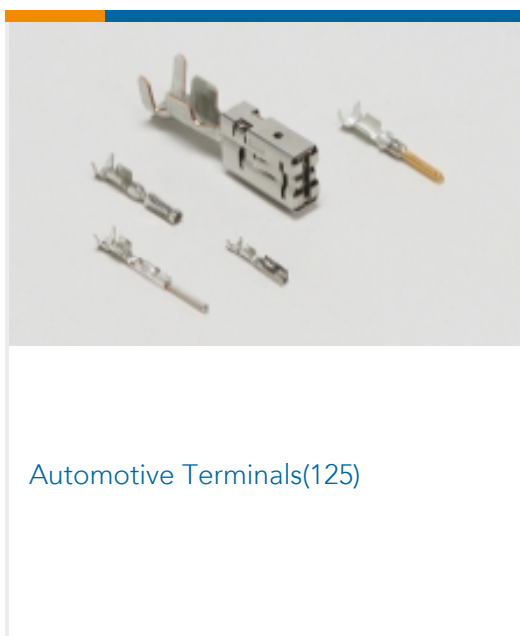
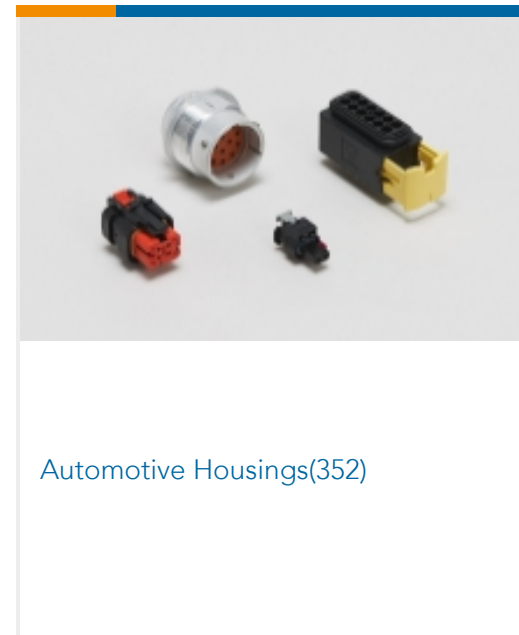
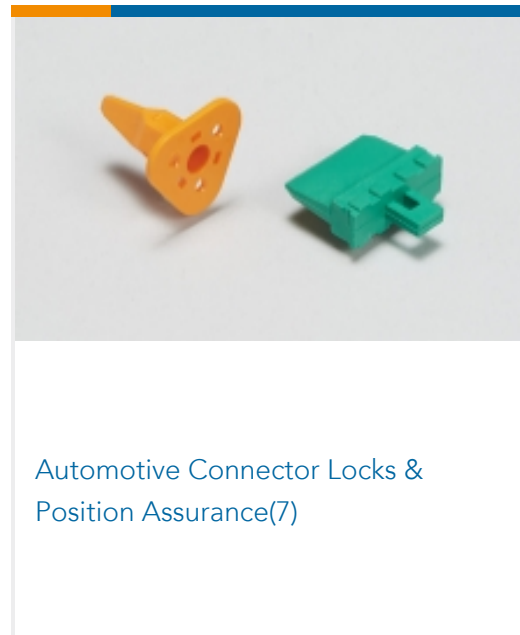
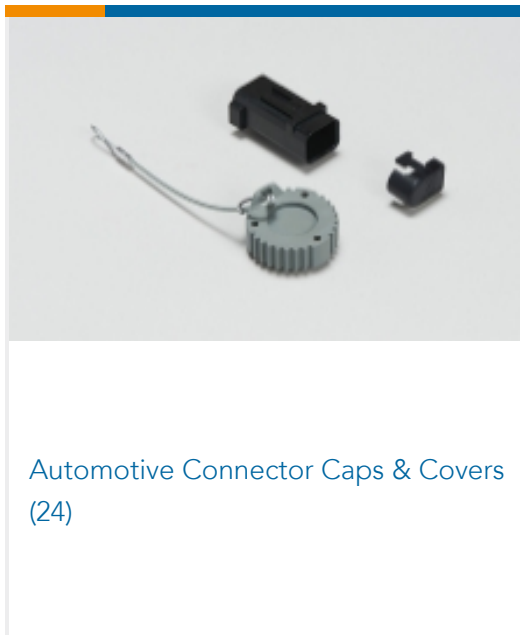
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OCEAN\_2.0\_APPLICATOR-S-080F1600



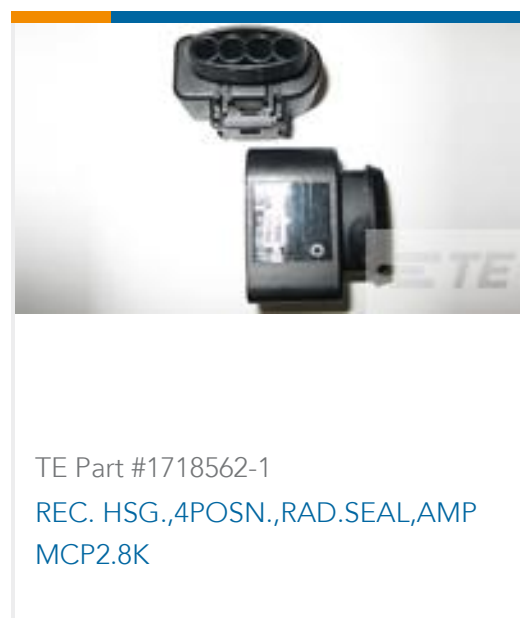
TE Part # 2151060-2  
OCEAN\_2.0\_APPLICATOR-S-080F1600



## Also in the Series | AMP MCP Connector System



## Customers Also Bought





## Documents

### Product Drawings

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

English

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

English

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### CAD Files

Customer View Model

[ENG\\_CVM\\_1241394-1\\_C6.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1241394-1\\_C6.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1241394-1\\_C6.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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### Product Specifications

[Application Specification](#)

German

[Application Specification](#)

German

[Application Specification](#)

English

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### Product Environmental Compliance

[MD\\_1241394-1\\_0525201854\\_dmtec](#)

English

[MD\\_1241394-1\\_0525201854\\_dmtec](#)

English