

1241380-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241380-1

Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .024 in [.6 mm], 20 – 17 AWG Wire Size, AMP MCP Connector System

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



Terminal Type: **Receptacle**

Mating Tab Width: 1.5 mm [.059 in]

Mating Tab Thickness: .6 mm [.024 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	12 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	1.5 mm [.059 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Tin (Sn)



Contact Termination Area Plating Material	Tin (Sn)
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### 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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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	4500

### Other

Terminal Transmits	0 – 24 A (Low Power)
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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-H3399-CH8172  
Heavy Duty Sealed Connector Series Housings



TE Part # CAT-L489-CH8172  
LEAVYSEAL HOUSINGS



TE Part # 1-1579007-1  
EXTRACTION TOOL



TE Part # 964972-1  
EINZELLEITERDICHTNG



TE Part # 963530-1  
EINZELLEITERDICHTNG



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



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



TE Part # CAT-T4827-CH8172  
TIMER, CONNECTOR HOUSING



TE Part # 2278706-8  
6POS, AMP MCP 1.5K, REC HSG, ASSY



TE Part # 1-1823440-1  
22POS, MIXED, REC HSG, ASSY, SEALED



TE Part # 1-2293551-1  
62POS, MIXED, REC HSG, ASSY, SLD



TE Part # 1579008-9  
INSERTION TOOL




TE Part # 2-2151064-1  
OCEAN\_2.0\_APPLICATOR-S-070F1250



TE Part # 2-2151064-2  
OCEAN\_2.0\_APPLICATOR-S-070F1250



TE Part # 2-2293551-1  
62POS,MIXED,REC HSG,ASSY,SLD



Was called:  
SDE PEW 12

Now renamed as:  
SDE SA  
(no other physical changes)

TE Part # 2063524-1  
SDE MCP1.5 0.2-1.0mm2 ASSY



TE Part # 2063524-2  
SDE MCP1.5 0.2-1.0mm2 DIE SET



TE Part # 2151064-1  
OCEAN\_2.0\_APPLICATOR-S-070F1250




TE Part # 2151064-2  
OCEAN\_2.0\_APPLICATOR-S-070F1250



TE Part # 2299987-1  
65W PLUG ASSEMBLY


## Also in the Series | AMP MCP Connector System




Automotive Connector Caps & Covers (24)



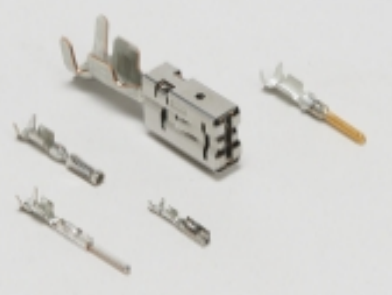
Automotive Connector Locks & Position Assurance (7)




Automotive Housings (352)




Automotive Seals & Cavity Plugs (6)



Automotive Terminals (125)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (29)

## Customers Also Bought



TE Part #1-1563759-1  
Heavy Duty Sealed Connector Series Housings



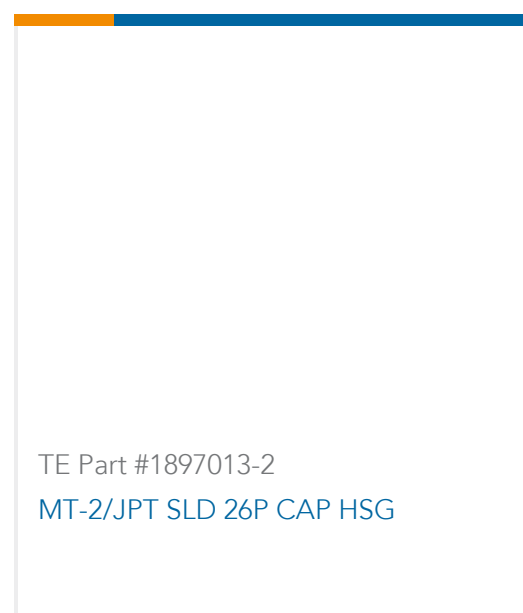
TE Part #1-2112035-1  
26POS, MIXED,REC HSG,ASSY, SEALED



TE Part #1418884-1  
AMP MCP, RECEPTACLE AND TAB



TE Part #964280-2  
JPT A REC 2.8 Contact SRC Sn



## Documents

### Product Drawings

#### AMP MCP 1.5K, CONTACT, SWS

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1241380-1\\_B\\_c-1241380-1-b.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1241380-1\\_B\\_c-1241380-1-b.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1241380-1\\_B\\_c-1241380-1-b.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### HDSCS Catalog

English

#### CONNECTOR SELECTOR

English

### Product Specifications

#### Application Specification

German

### Product Environmental Compliance

[MD\\_1241380-1\\_0525201852\\_dmtec](#)

English

[MD\\_1241380-1\\_0525201852\\_dmtec](#)

English