

1241380-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241380-1

AMP MCP Connector System, Automotive, Truck, Bus, & Off-Road  
Terminals, Receptacle, Tab Width 1.5 mm [.059 in], Tab Thickness .6  
mm [.024 in]

[View on TE.com >](#)



Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal & Splice 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: **.5 – 1 mm<sup>2</sup>**

[All AMP MCP, RECEPTACLE AND TAB \(139\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance
Wire Type	Copper

### Contact Features

Typical Current Rating	12 A
Crimp Type	F-Crimp
Terminal & Splice 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)



### Termination Features

Termination Method	Crimp
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### Dimensions

Wire Size	.5 – 1 mm <sup>2</sup>
Wire Size Search	.5 mm <sup>2</sup> , .6 mm <sup>2</sup> , .75 mm <sup>2</sup> , .85 mm <sup>2</sup> , 1 mm <sup>2</sup>
Wire Insulation Diameter	1.4 – 2.1 mm [.055 – .083 in]

### Usage Conditions

Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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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>](#)

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: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JUL 2019 (201)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts



TE Model / Part # CAT-H3399-CH8172  
 HDSCS HOUSINGS



TE Model / Part # CAT-L489-CH8172  
 LEAVYSEAL HOUSINGS



TE Model / Part # 1-1579007-1  
 EXTRACTION TOOL



TE Model / Part # 963530-1  
 EINZELLEITERDICHTNG



TE Model / Part # 2305570-1  
 TERMINAL CUTTER, SIDE FEED



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



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



TE Model / Part # CAT-AM705-CH8173  
 AMP MCP, UN-SEALED CONNECTOR HOUSING



TE Model / Part # 964972-1  
 EINZELLEITERDICHTNG



TE Model / Part # 1579008-9  
 INSERTION TOOL



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



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



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



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



TE Model / Part # 2306960-1  
3POS,AMP MCP 1.5K,REC HSG ASSY,SLD,COD A



TE Model / Part # 5-2151064-1  
OCEAN\_2.0\_APPLICATOR-S-070F1250




TE Model / Part # 5-2151064-2  
OCEAN\_2.0\_APPLICATOR-S-070F1250



TE Model / Part # 7-2151064-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-070F1250



TE Model / Part # 7-2266050-7  
OC-070F1250-752-CRIMP TOOLING KIT

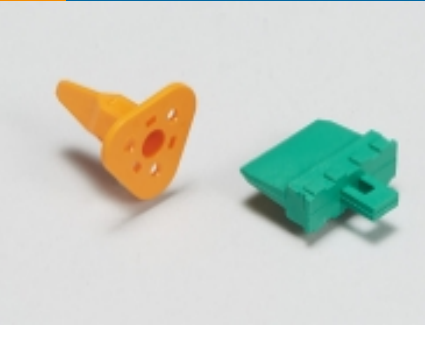


TE Model / Part # 1-1823440-1  
22POS, MIXED, REC HSG, ASSY, SEALED


## Also in the Series | AMP MCP Connector System




Automotive Connector Caps & Covers (25)




Automotive Connector Locks & Position Assurance (8)




Automotive Seals & Cavity Plugs (6)




Automotive, Truck, Bus, & Off-Road Headers (30)



Automotive, Truck, Bus, & Off-Road Housings (346)



Automotive, Truck, Bus, & Off-Road Terminals (139)



Other Automotive Connector Accessories (2)

## Customers Also Bought



TE Model / Part #963531-1  
BLINDSTOPFEN



TE Model / Part #963530-1  
EINZELLEITERDICHTNG



TE Model / Part #964972-1  
EINZELLEITERDICHTNG



## Documents

### Product Drawings

[AMP MCP 1.5K, CONTACT, SWS](#)

English

[AMP MCP 1.5K, CONTACT, SWS](#)

English

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### 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.

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### Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

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### Product Specifications

[Application Specification](#)

German

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### Product Environmental Compliance

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

English

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

English