

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 .6 mm [.024 in / .031 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 [.024 in, .031 in]**

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

Wire Size: **20 – 17 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(129\)](#)

## 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

Contact Size	2.8K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
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)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions



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

Packaging Quantity	3500
Packaging Method	Reel

### 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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	TE Part # 1-1579007-2 EXTRACTION TOOL	TE Part # 963293-1 SEALING F JPT+2,8
TE Part # 963292-1 WIRE SEALING 2,2	TE Part # 963294-1 SINGLE WIRE SEAL INSULATION DI	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # CAT-T4827-T273 TIMER, RECEPTACLE AND TAB
TE Part # 7-2151911-7 OC-080F160O-752-CRIMPTOOLINGKIT	TE Part # 2138314-1 36P SEALED HYBRID (32X 1.2, 4X	TE Part # 2209545-1 94P, MQS CB, REC HSG, ASSY, SEALED	TE Part # 1-2209520-1 46POS. REC. HSG ASS'Y
TE Part # 1579008-9 INSERTION TOOL	TE Part # 2-2151060-1 OCEAN_2.0_APPLICATOR-S-080F160O	TE Part # 2-2151060-2 OCEAN_2.0_APPLICATOR-S-080F160O	TE Part # 2151060-1 OCEAN_2.0_APPLICATOR-S-080F160O



TE Part # 2151060-2  
OCEAN\_2.0\_APPLICATION-S-080F160O

TE Part # 2151062-2  
OCEAN\_2.0\_APPLICATION-S-100F140OV

TE Part # 2208277-3  
60POS MQS REC SEALED

TE Part # 2209520-6  
46POS. REC HOUSING ASSY

### 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(2)

PCB Headers & Receptacles(30)

### Customers Also Bought

TE Part #1355526-2  
MQS, CONNECTOR HOUSING

TE Part #964308-1  
TAB A 5.8x0.8 CONTACT CF SRC Sn

TE Part #1452158-1  
MQS1,5 Sn rec CB unseal. 0,35-0,5

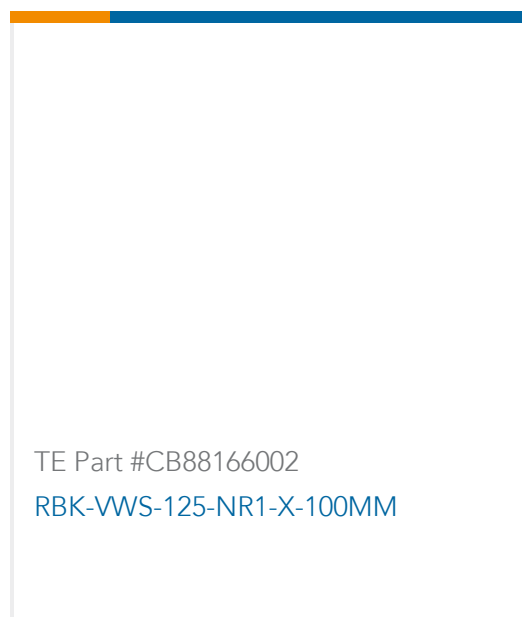
TE Part #1745078-1  
AMP MCP 2.8K - REC. HOUSING

TE Part #3336796001  
RBK-ESS-CROSS-10.0-X-8MM

TE Part #2-130130-1  
SOLIS R 16-14 M6 TAPE

TE Part #2208277-3  
60POS MQS REC SEALED

TE Part #7-2151311-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-050F070O



## Documents

### Product Drawings

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

English

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

English

### 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

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