

1241414-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241414-1

Automotive Terminals, Receptacle, Mating Tab Width 4.8 mm / 6.3 mm / 5.8 mm [.248 in / .189 in / .228 in], AMP MCP Connector System

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

Terminal Type: **Receptacle**

Mating Tab Width: 4.8 mm, 5.8 mm, 6.3 mm [.189 in, .228 in, .248 in]

Mating Tab Thickness: .8 mm [.031 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 15 – 13 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	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	24 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm [.189 in][.228 in][.248 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire



### Dimensions

Compatible Insulation Diameter Range	2.2 – 3.7 mm [.086 – .145 in]
Wire Size	1.5 – 2.5 mm <sup>2</sup>
Wire Size Search	13 AWG, 14 AWG, 15 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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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Quantity	1500
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: 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 # CAT-L489-CH8172 LEAVYSEAL Housings	TE Part # CAT-H3399-CH8172 Heavy Duty Sealed Connector Series Housings	TE Part # 1-1579007-3 EXTRACTION TOOL	TE Part # 1823111-1 SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN
TE Part # 1394512-1 EINZELLEITDICHTG, BL	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # CAT-T4827-CH8172 Timer Connector Housing	TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING
TE Part # 1-2278915-1 EPB4 30WAY ASSEMBLY PARTS	TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings	TE Part # 2301462-1 30POS, HYBRID, REC HSG ASSY, SLD, COD A	TE Part # 1394511-1 EINZELLEITDICHTG, WS



TE Part # 1-2209520-1  
46POS. REC. HSG ASSY

TE Part # 1-2344950-1  
95POS, HYBRID, REC HSG, ASSY, COD A

TE Part # 2-2151177-2  
OCEAN-2.0-APPLICATOR-S-110F2600

TE Part # 2-2344950-1  
95POS, HYBRID, REC HSG, ASSY, COD B

TE Part # 2151177-2  
OCEAN-2.0-APPLICATOR-S-110F2600

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

TE Part # 5-2151177-2  
OCEAN-2.0-APPLICATOR-S-110F2600

TE Part # 7-2151177-2  
OCEAN-2.0-APPLICATOR-S-110F2600

### 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)

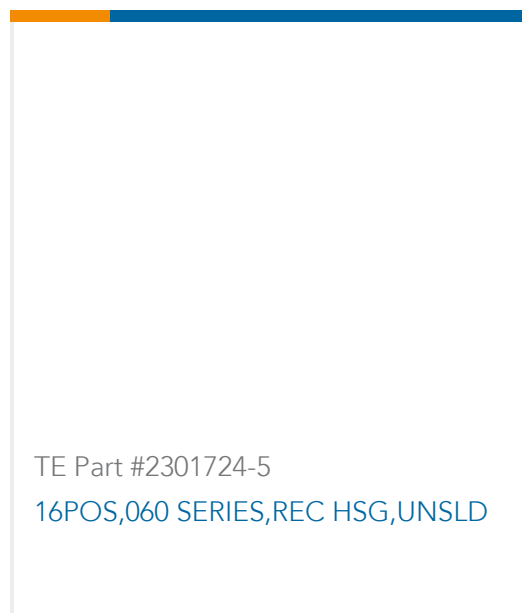
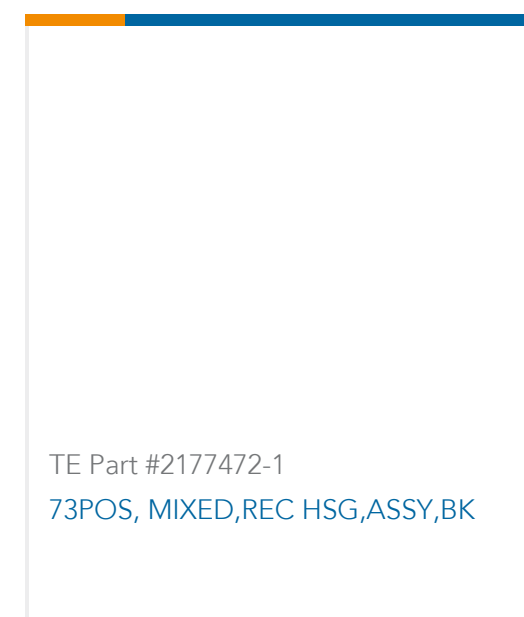
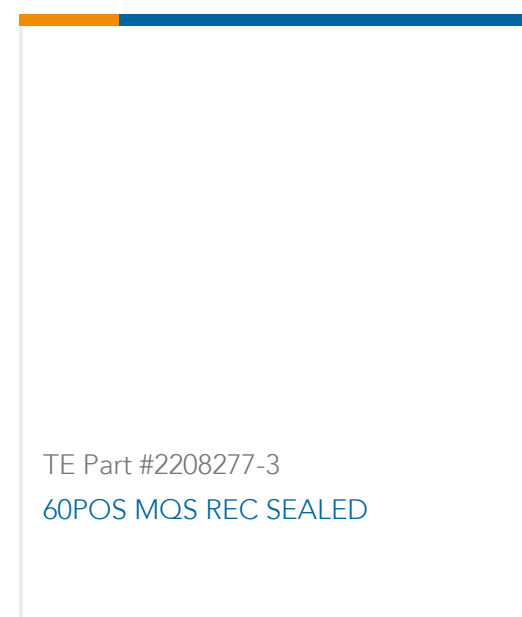
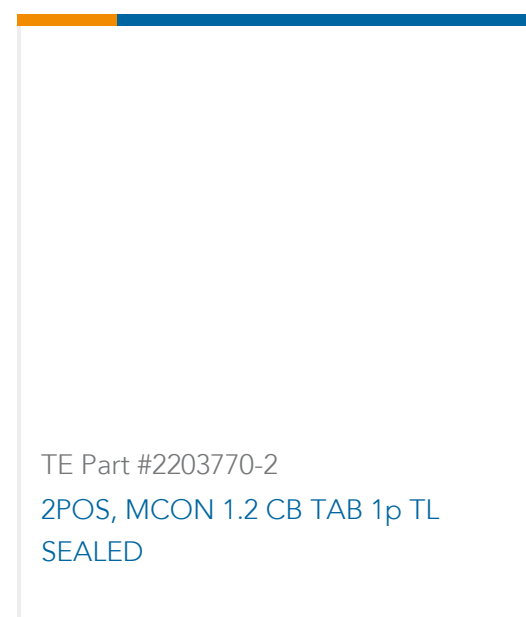
### Customers Also Bought

TE Part #1823111-1  
SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN

TE Part #1241404-1  
AMP MCP, RECEPTACLE AND TAB

TE Part #2141824-1  
MQS0,63 Sn rec LL unseal. 0,13-0,17

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



## Documents

### Product Drawings

[AMP MCP 6.3/4.8K, CONTACT, SWS](#)

English

[AMP MCP 6.3/4.8K, CONTACT, SWS](#)

English

### CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241414-1\\_A.2d\\_dxf.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241414-1\\_A.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_1241414-1\\_A.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

[Application Specification](#)

English