

1241414-1 ✓ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1241414-1

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

[View on TE.com >](#)



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 \(125\)](#)

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

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features



Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	1.5 – 2.5 mm ²
Wire Size Search	13 AWG, 14 AWG, 15 AWG
Wire Insulation Diameter	2.2 – 3.7 mm [.086 – .145 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	1500

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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-M4595-CH8172
MCON, CONNECTOR HOUSING



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



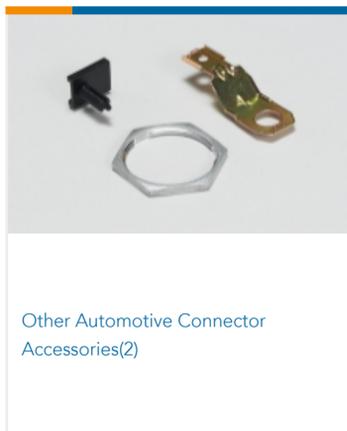
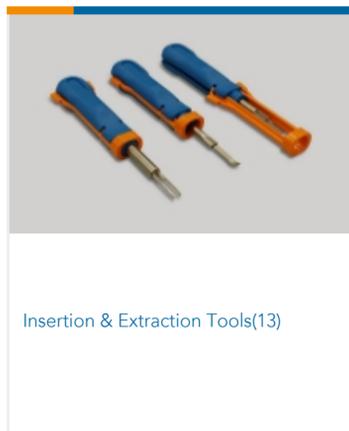
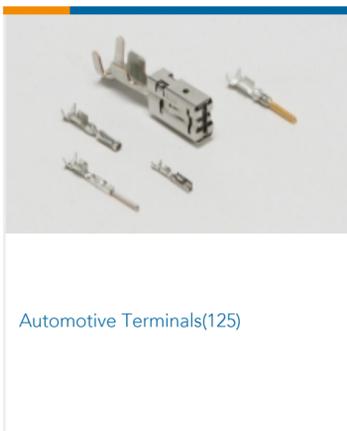
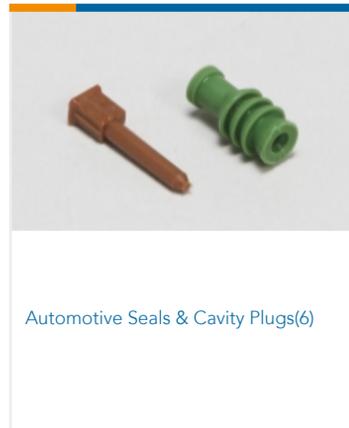
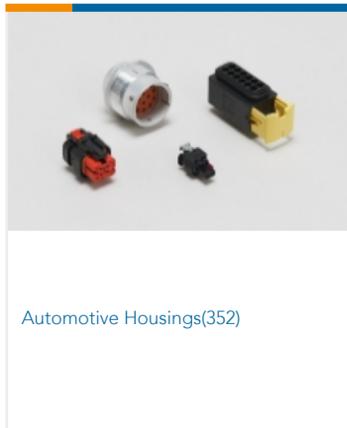
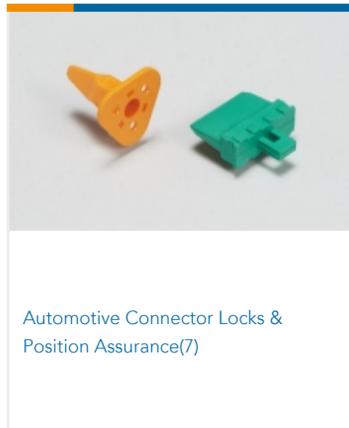
TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



TE Part # 1394511-1
EINZELLEITDICHTG, WS



Also in the Series | AMP MCP Connector System



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

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Datasheets & Catalog Pages

[HDSCS Catalog](#)

English

[CONNECTOR SELECTOR](#)

English

Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English