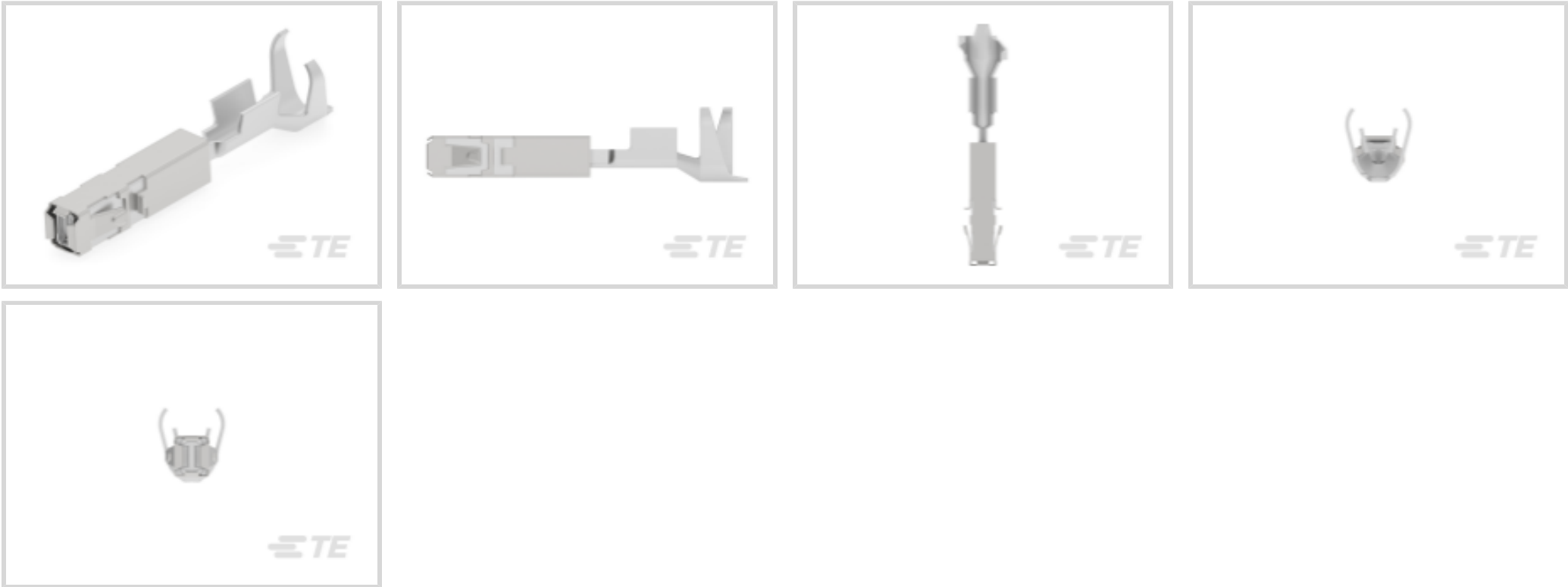




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



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 \(109\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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Operation/Application

Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, KOMAX Automatic Component Insertion per Version 5.0 (March 2018)

Packaging Features

Packaging Method	Reel
Packaging Quantity	4500

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 125 °C, 80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 110 °C, 120 °C[248 °F][221 °F][230 °F][176 °F][194 °F][185 °F][212 °F][266 °F][257 °F]



Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.4 – 2.1 mm[.055 – .083 in]
Wire Size	.5 – 1 mm²
Wire Size Search	1 mm², .5 mm², .75 mm², .6 mm²

Contact Features

Typical Current Rating	12 A
Crimp Type	F-Crimp
Contact Size	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.6 mm[.024 in]
Interface Plating	Tin (Sn)

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 Connector Housings



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



TE Part # 963530-1
EINZELLEITERDICHTNG



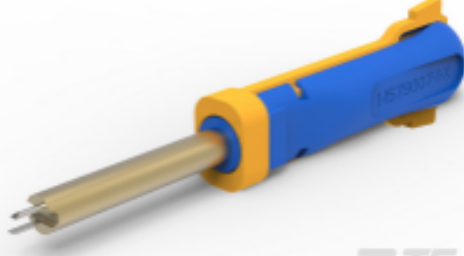
TE Part # 964972-1
EINZELLEITERDICHTNG



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



TE Part # CAT-T4827-CH8172
Timer Connector Housing



TE Part # 1-1579007-1
EXTRACTION TOOL

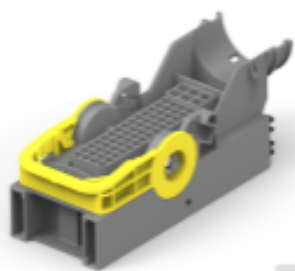




TE Part # 1-1823440-1
22POS, MIXED,REC HSG,ASSY,
SEALED



TE Part # 1579008-9
INSERTION TOOL



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



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-
070F125O-RSM



TE Part # 2151064-2
OCEAN_2.0_APPLICATOR-S-
070F125O-RSA



TE Part # 2299987-1
65W PLUG ASSEMBLY



TE Part # 2299987-4
65W PLUG ASSEMBLY



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No
Crimp



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



TE Part # 3-2293551-1
62POS,MIXED,REC HSG,ASSY,SLD

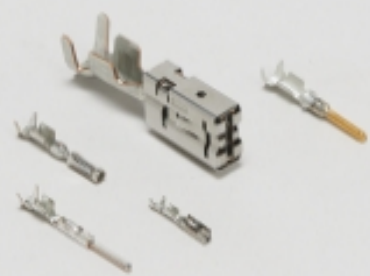
Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers
(3)



Automotive Housings(80)



Automotive Terminals(22)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #1-1418479-1
Heavy Duty Sealed Connector Series
Housings



TE Part #1670865-1
Heavy Duty Sealed Connector Series
Backshells



TE Part #964972-1
EINZELLEITERDICHTNG



TE Part #828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



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