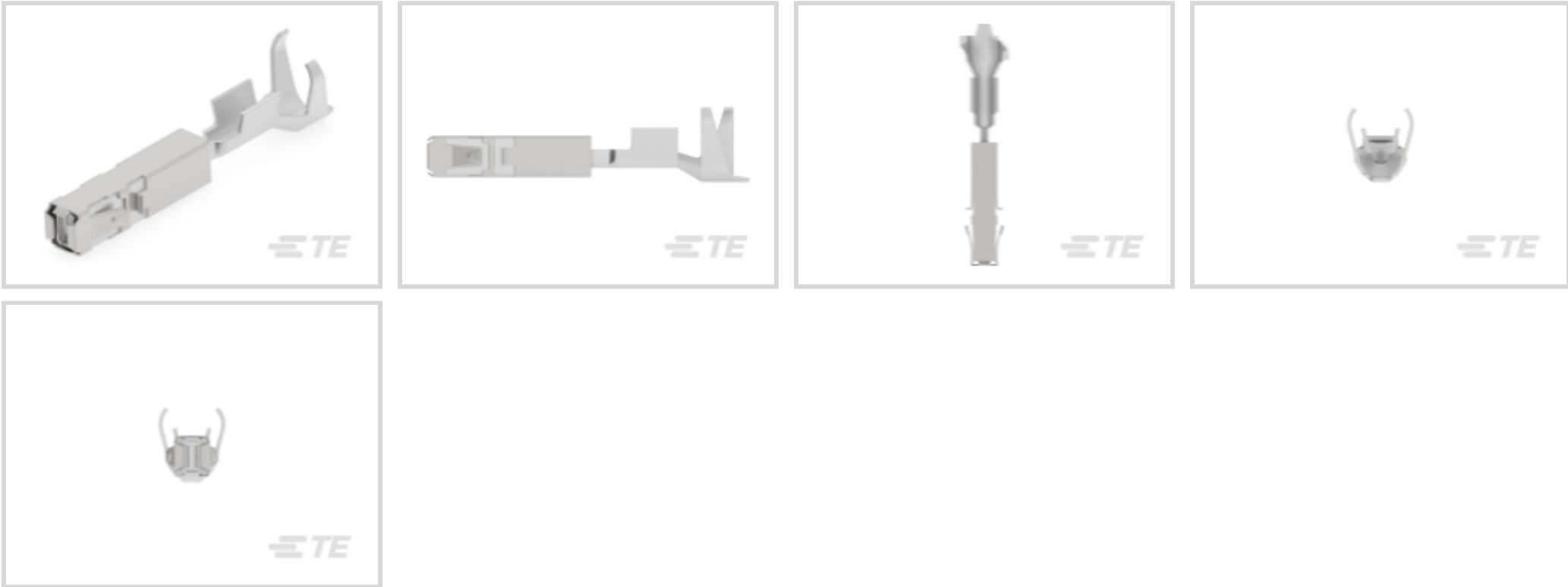




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



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 \(110\)](#)

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	1.5K
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	12 A
Crimp Type	F-Crimp
Terminal Type	Receptacle



Mating Tab Width	1.5 mm[.059 in]
Mating Tab Thickness	.6 mm[.024 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 ²
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

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

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	4500
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 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 # 1-1579007-1
EXTRACTION TOOL



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 # 1-1823440-1
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 #1-1418448-1
Heavy Duty Sealed Connector Series Housings

TE Part #828922-1
2,5MM CAVITY PLUG FOR 5,4MM DI

TE Part #964972-1
EINZELLEITERDICHTNG

TE Part #1-1418883-1
62.POS.MIXED REC.HSG



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