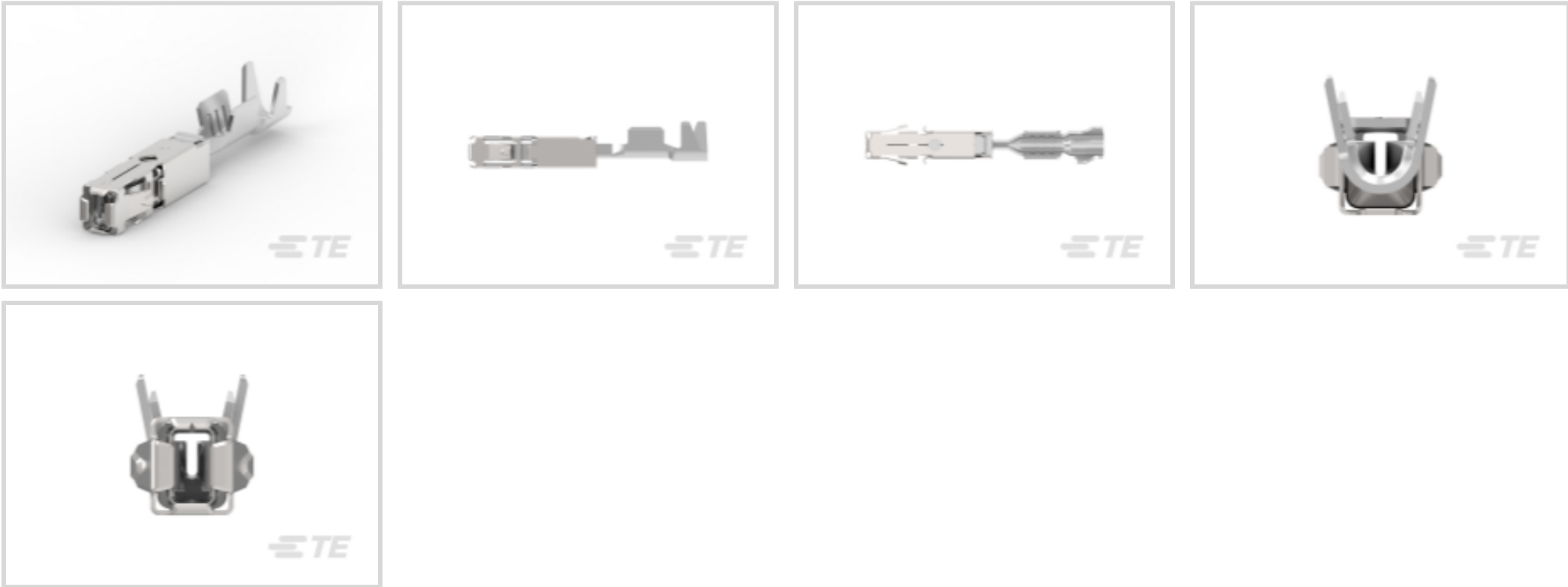




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



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
---	-------

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	8000

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][266 °F][212 °F][257 °F]



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

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Product Type Features

Receptacle Style	180°
Sealable	No
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)

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
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-AM705-CH8173
AMP Unsealed Connector Housing



TE Part # 963530-1
EINZELLEITERDICHUNG



TE Part # 964972-1
EINZELLEITERDICHUNG



TE Part # 1745068-1
3 POS. MCP 1,5 SRS. REC.
CONNECTOR UNSLD.



TE Part # CAT-L489-CH8172
LEAVYSEAL Connector Housings



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



TE Part # 1-1579007-1
EXTRACTION TOOL



TE Part # 1534180-1
MCP REC HSG ASSY32P



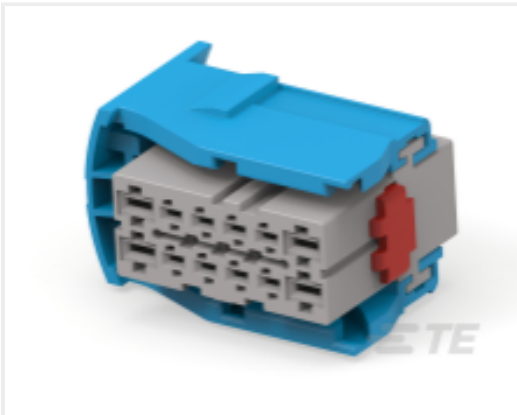
TE Part # 1534181-1
MCP1,5 REC HSG10P



TE Part # 284853-2
12 POS FEMALE CONNECTOR ASS'Y



TE Part # 2208746-1
28POS MQS REC



TE Part # 284853-3
12 POS FEMALE CONNECTOR ASS'Y



TE Part # 1534399-1
MCP CONNECTOR 32P



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 # 2112668-1
23POS MIXED MQS REC



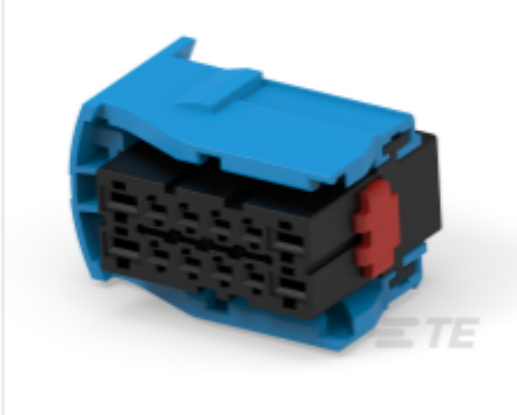
TE Part # 2151188-1
OCEAN-2.0-APPLICATOR-S-070F090O-RSM



TE Part # 2151188-2
OCEAN-2.0-APPLICATOR-S-070F090O-RSA



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



TE Part # 284853-1
12 POS FEMALE CONNECTOR ASS'Y

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



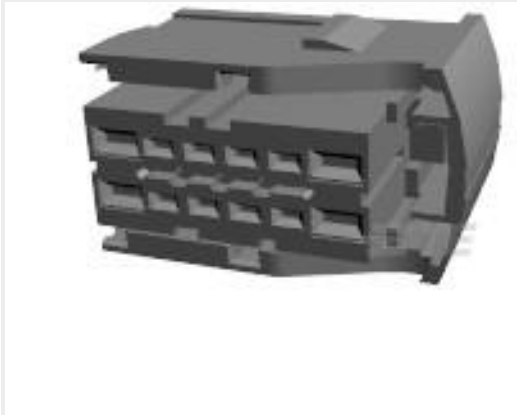
TE Part #1564980-1
AMP MCP, RECEPTACLE AND TAB



TE Part #964267-2
TAB A 1.6x0.6 CONTACT CF SRC Sn



TE Part #6776556016
RPPM-NR510-X-45MM



TE Part #284853-2
12 POS FEMALE CONNECTOR ASS'Y



TE Part #1452128-3
MQS ST-KONT M.FFC

TE Part #1411561-2
ELOSTD M5400Y50

TE Part #2384882-1
CURRENT SENSOR 350A FOR LUCID

TE Part #2425991-1
PCON21 TERMINAL,LOCALIZATION,
ASSEMBLY

TE Part #281991-2
HSG FOR P-LOCK MK I TERM

Documents

Product Drawings

AMP MCP 1.5K, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241374-1_B_c-1241374-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241374-1_B_c-1241374-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241374-1_B_c-1241374-1-b.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

German

Application Specification

English