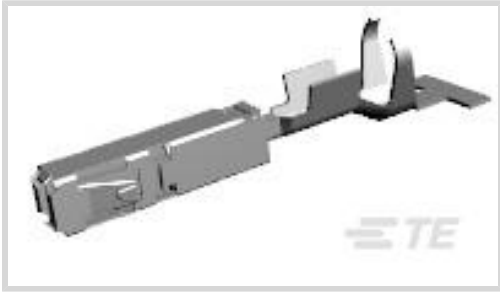




Automotive Parts > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Wire Size: **.5 – 1 mm²**

Mating Tab Width: **1.6 mm [.063 in]**

Interface Plating: **Tin (Sn)**

Primary Locking Feature: **Locking Lance**

[All AMP MCP, RECEPTACLE AND TAB \(105\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	Yes

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Typical Current Rating	12 A
Crimp Type	F-Crimp
Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	1.6 mm[.063 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
Dimensions	
Compatible Insulation Diameter Range	1.4 – 2.1 mm[.055 – .083 in]
Wire Size	.5 – 1 mm²
Wire Size Search	.5 mm², .75 mm², 1 mm²
Usage Conditions	
Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
Operation/Application	
Compatible With Wire Base Material	Copper
Conforms to Automation Guideline	Yes, DIN 72036 Automation of Wiring Harness Production, Version June 2024, Yes, KOMAX Guideline for automatic component insertion for electrical connections, Version 5.0 (March 2018)
Industry Standards	
Compatible With Agency/Standards Products	LV214
Packaging Features	
Packaging Method	Reel
Packaging Quantity	4500
Other	
Terminal Transmits	0 – 24 A (Low Power)
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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per



homogenous material. Also BFR/CFR/PVC Free

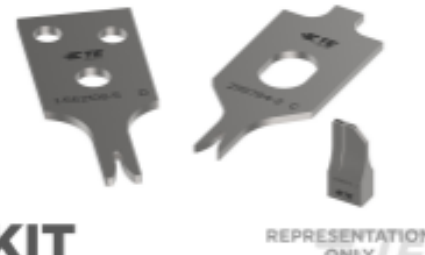
Solder Process Capability

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 # 2446115-1 SEALED 16P OBD ASSEMBLY,CONN KIT	 TE Part # 7-2266050-7 OC-070F125O-752-CRIMPTOOLINGKIT	 TE Part # 2385319-1 EXTRACTION TOOL	 TE Part # 2385319-3 EXTRACTION TOOL
 TE Part # CAT-L489-CH8172 LEAVYSEAL Connector Housings	 TE Part # 1-1418479-1 8POS,AMP MCP1.5K,REC. HSG,CODA	 TE Part # 2151064-2 OCEAN_2.0_APPLICATOR-S-070F125O-RSA	 TE Part # 7-2151064-7 OCEAN_2.0_SPARE_PART_KIT-070F125O
 TE Part # 3-2151064-2 OCEAN_2.0_APPLICATOR-S-070F125OA-SSD	 TE Part # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 2151064-1 OCEAN_2.0_APPLICATOR-S-070F125O-RSM	 TE Part # 2306960-1 3POS,AMP MCP 1.5K,REC HSG ASSY,SLD,COD A



TE Part # 5-2151064-2
OCEAN_2.0_APPLICATOR-S-070F125O-RSA

TE Part # CAT-H3399-CH8172
Heavy Duty Sealed Connector Series Housings

TE Part # 2394300-1
EXTRACTION TOOL

TE Part # CAT-NB3-MRC48
48V Ready Mixed (Signal and Power) Connectors

TE Part # 5-2151064-1
OCEAN_2.0_APPLICATOR-S-070F125O-RSM

TE Part # 2385319-2
EXTRACTION TOOL

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

TE Part # 1-1579007-1
EXTRACTION TOOL

Also in the Series | AMP MCP 1.5K

Automotive Connector Caps & Covers (4)

Automotive Connector Locks & Position Assurance(1)

Automotive Housings(59)

Automotive Signal & Power Connector Housings(42)

Customers Also Bought

TE Part #CH03286001
RBK-ILS-125-NR1-0-40MM

TE Part #964972-1
EINZELLEITERDICHTNG

TE Part #CAT-A11-T273
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB

TE Part #2109441-2
MCP 2.8 8P PLUG ASSY BLK/A

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

TE Part #5-2109446-2
MCP 1.5/2.8 SLD 30P PLUG ASSY

TE Part #1-2109472-2
MCP 1.5/2.8 SLD 30P PLUG COVER



Documents

Product Drawings

AMP MCP 1.5K, CONTACT, SWS

German

AMP MCP 1.5K, CONTACT, SWS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1534162-1_B_c-1534162-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1534162-1_B_c-1534162-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1534162-1_B_c-1534162-1-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