

1418408-1 ✓ ACTIVE

[AMP MCP](#) | [AMP MCP 1.5K](#)

TE Internal #: 1418408-1

Receptacle Terminal, .5 – 1 mm² Wire, 1.6 mm [.063 in] Tab Width, Tin (Sn), .8 mm [.031 in] Tab Thickness, Unsealed, Terminates To Wire, AMP MCP 1.5K

[View on TE.com >](#)



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	No

Body Features

Terminal Seal Type	Unsealed
--------------------	----------

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	1.6 mm [.063 in]
Interface Plating	Tin (Sn)
Mating Tab Thickness	.8 mm [.031 in]

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	.5 mm ² , .75 mm ² , 1 mm ²

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	8000

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2151188-2
OCEAN-2.0-APPLICATOR-S-070F090O-RSA



TE Part # 1-2315977-3
HYB 69P PLUG ASSY CODE2



TE Part # 7-2151188-7
OCEAN_2.0_SPARE_PART_KIT-070F090O



TE Part # 7-2266182-7
OC-070F090O-752-CRIMP TOOLING KIT



TE Part # 2385319-2
EXTRACTION TOOL



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



TE Part # 1-1579007-1
EXTRACTION TOOL



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



TE Part # CAT-AM705-CH8173
AMP Unsealed Connector Housing



TE Part # 5-2151188-2
OCEAN-2.0-APPLICATOR-S-070F090O-RSA



TE Part # 2-2315977-8
HYB 69P PLUG ASSY CODE3



TE Part # 2385319-3
EXTRACTION TOOL

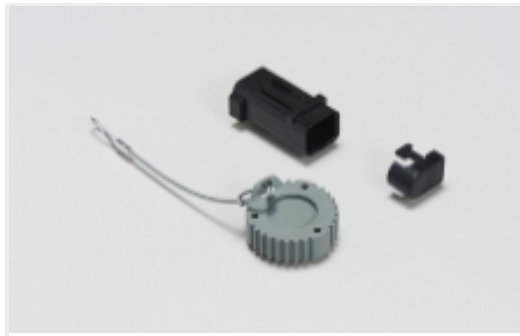


TE Part # 2385319-1
EXTRACTION TOOL

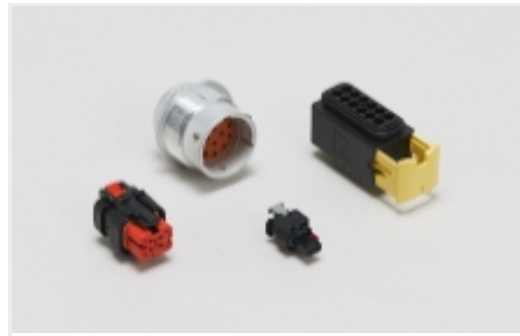


TE Part # 5-2151188-1
OCEAN-2.0-APPLICATOR-S-070F090O-RSM

Also in the Series | **AMP MCP 1.5K**



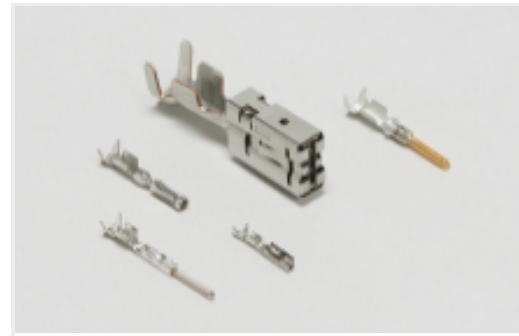
Automotive Connector Caps & Covers (3)



Automotive Housings(78)



Automotive Signal & Power Connector Housings(61)



Automotive Terminals(21)



Insertion & Extraction Tools(1)

Customers Also Bought



TE Part #CAT-T4827-CH8172
Timer Connector Housing



TE Part #8-320559-5
SPLC BUTT PIDG 22-16C 22-18M



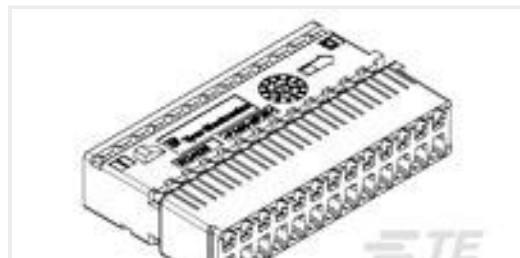
TE Part #2-1418639-5
2POS MQS REC COD B



TE Part #1534334-1
AMP MCP 1.5K, CONTACT



TE Part #1718489-1
AMP MCP 1.5 RECEPT HSG 18 POS



TE Part #1924136-3
Carrier, 26P GenerationY, Hand Mate Conn



TE Part #1924141-1
Shield, 26P GenY, Hand Mate Conn



TE Part #1924968-2
Contact, male 0.64, 18 AWG



Documents

Product Drawings

[AMP MCP 1.5K, CONTACT](#)

English

[AMP MCP 1.5K, CONTACT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1418408-1_B_c-1418408-1-b.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418408-1_B_c-1418408-1-b.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418408-1_B_c-1418408-1-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