1-1241418-3 ✔ ACTIVE

AMP MCP | AMP MCP 6.3/4.8K

TE Internal #: 1-1241418-3

Receptacle Terminal, 11 – 9 AWG, 4 – 6 mm² Wire, 4.8 mm / 5.8 mm / 6.3 mm [.189 in / .228 in / .248 in] Tab Width, Silver (Ag), AMP MCP 6.3/4.8K

View on TE.com >

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







Terminal Type: **Receptacle**

Wire Size: **11 – 9 AWG**

Mating Tab Width: **4.8 mm, 5.8 mm, 6.3 mm [.189 in, .228 in, .248 in]**

Interface Plating: **Silver (Ag)**

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)

Contact Features

Typical Current Rating	37 A
Crimp Type	F-Crimp
Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm[.189 in][.228 in][.

	248 in]
Interface Plating	Silver (Ag)
Mating Tab Thickness	.8 mm[.031 in]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.4 – 4.3 mm[.134 – .169 in]
Wire Size	11 – 9 AWG
Wire Size Search	4 mm², 5 mm², 6 mm²
Tab Length	20.95 mm[.82 in]

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	140 °C[284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °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	1500

Other

Terminal Transmits	25 – 40 A (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	有害物质含量符合标准要求 No Restricted Substance(s) 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 reviewed 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 # 1-1579007-3
EXTRACTION TOOL



TE Part # 2151466-1
OCEAN_2.0_APPLICATOR-S-160F270O-RSM



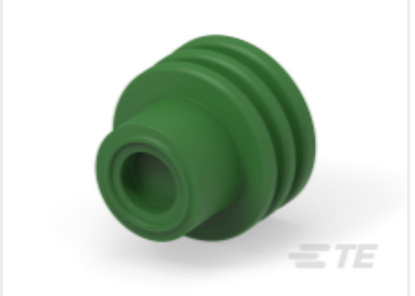
TE Part # 5-2151466-2
OCEAN_2.0_APPLICATOR-S-160F270O-RSA



TE Part # CAT-L489-CH8172
LEAVYSEAL Connector Housings



TE Part # 1-1718628-1
AMP MCP 2.8 HSG. 4POS.,ASS'Y



TE Part # 1719043-1
SINGLE WIRE SEAL,GREEN



TE Part # 2151466-2
OCEAN_2.0_APPLICATOR-S-160F270O-RSA



TE Part # 5-2151466-1
OCEAN_2.0_APPLICATOR-S-160F270O-RSM

Receptacle Terminal, 11 – 9 AWG, 4 – 6 mm² Wire, 4.8 mm / 5.8 mm / 6.3 mm [.189 in / .228 in / .248 in] Tab Width, Silver (Ag), AMP MCP 6.3/4.8K



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

TE Part # 2394300-1
EXTRACTION TOOL



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



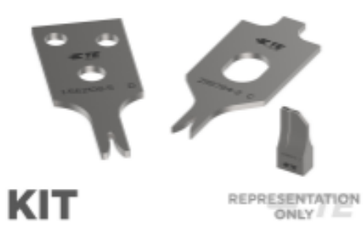
TE Part # 1394512-1
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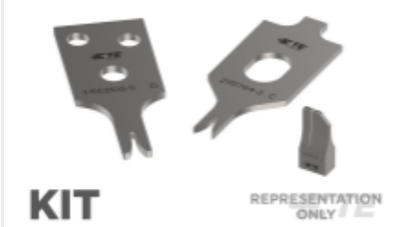
TE Part # CAT-N73-RA6348
48V Ready 6.3mm Sealed Connectors



TE Part # 1-1418507-2
SOCKET HSG 4POS.,AMP MCP2.8 /MCP6.3K

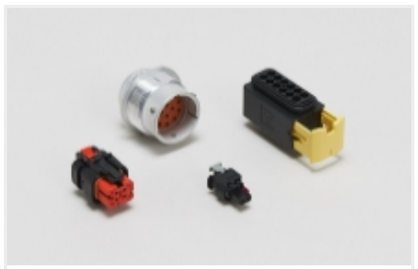


TE Part # 7-2151466-7
OCEAN_2.0_SPARE_PART_KIT-160F270O



TE Part # 7-2836147-7
OC-160F270O-752-CRIMPTOOLINGKIT

Also in the Series | AMP MCP 6.3/4.8K



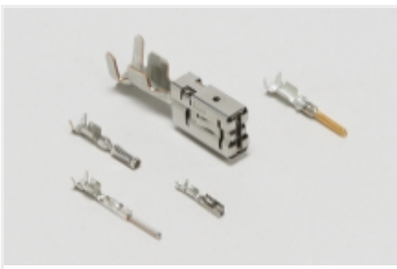
Automotive Housings(11)



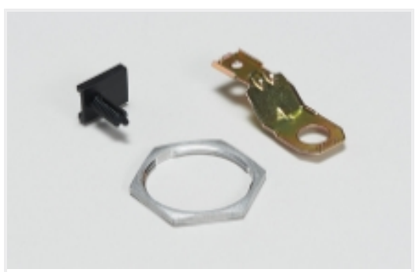
Automotive Seals & Cavity Plugs(4)



Automotive Signal & Power Connector Housings(11)



Automotive Terminals(28)

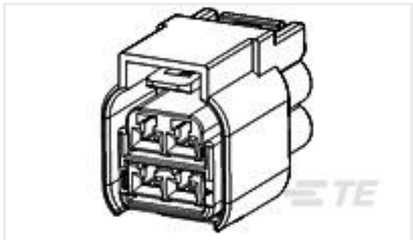


Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #928909-2
PL 250 REC TERMINAL 24-20 AWG TPBR



TE Part #936254-2
MCP-E SLD 4P PLUG ASSY BLK



TE Part #1411168-1
MARKET2X4FEM.UNSEA



TE Part #1-1564330-1
4POS,AMP MCP6.3/4.8K,REC HSG, ASSY



TE Part #2141970-1
MCON 1.2 LL REC SWS SN



TE Part #2208833-1
RETAINER, FOR NANOMQS



TE Part #2299987-4
65W PLUG ASSEMBLY



TE Part #2-2328752-4
TAB 2.8x0.8 CONTACT CF SWS Ag+



TE Part #534127-E
SRCA 2,54 3 M 1 SMD 137 E1 094 * GURT 99



TE Part #928347-4
4P JUN-POW-TIM GEH

Documents

Product Drawings

AMP MCP 6.3/4.8K, CONTACT, SWS

English

AMP MCP 6.3/4.8K, CONTACT, SWS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1241418-3_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1241418-3_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1241418-3_A.3d_stp.zip

English

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Datasheets & Catalog Pages

HDSCS Catalog

English

CONNECTOR SELECTOR

English

Product Specifications

Application Specification

German

Application Specification

English