



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



Terminal Type: **Receptacle**

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

Mating Tab Thickness: **.8 mm** [.031 in]

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **15 – 13 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(109\)](#)

Features

Industry Standards

Compatible With Agency/Standards Products	LV214
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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	1500

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °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	Yes
Primary Locking Feature	Locking Lance

Dimensions

Compatible Insulation Diameter Range	2.2 – 3.7 mm [.086 – .145 in]
Wire Size	1.5 – 2.5 mm ²
Wire Size Search	2.5 mm ² , 2 mm ² , 1.5 mm ²

Contact Features

Typical Current Rating	24 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	6.3 mm, 4.8 mm, 5.8 mm [.189 in][.228 in][.248 in]
Mating Tab Thickness	.8 mm [.031 in]
Interface Plating	Tin (Sn)

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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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-L489-CH8172
LEAVYSEAL Connector Housings



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



TE Part # CAT-T4827-CH8172
Timer Connector Housing



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



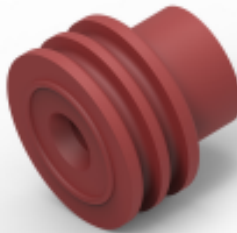
TE Part # 1-1579007-3
EXTRACTION TOOL



TE Part # 2301462-1
30POS, HYBRID, REC HSG ASSY, SLD, COD A



TE Part # 1394511-1
EINZELLEITDICHTG, WS



TE Part # 1823111-1
SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN



TE Part # 1394512-1
EINZELLEITDICHTG,BL



TE Part # 1-2209520-1
46POS. REC. HSG ASS'Y



TE Part # 1-2278915-4
EPB4 30WAY ASSEMBLY PARTS



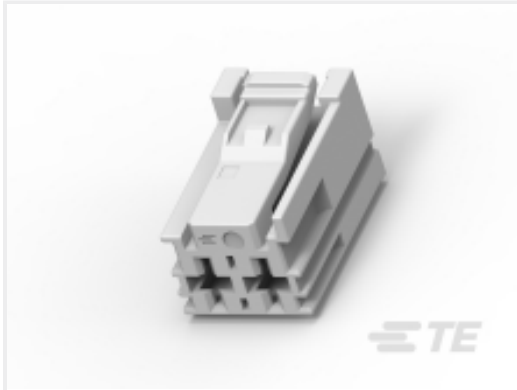
TE Part # 1-2344950-1
95POS, HYBRID, REC HSG, ASSY, COD A



TE Part # 1897214-1
MCP 6.3 2P PLUG ASSY



TE Part # 2-2344950-1
95POS, HYBRID, REC HSG, ASSY, COD B



TE Part # 2137182-1
2Pos MCP6.3 Plug HSG



TE Part # 2151177-2
OCEAN-2.0-APPLICATOR-S-110F2600-RSA



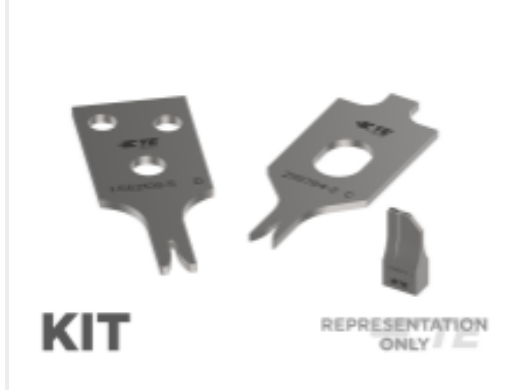
TE Part # 2209520-6
46POS. REC HOUSING ASSY



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



TE Part # 5-2151177-2
OCEAN-2.0-APPLICATOR-S-110F2600-RSA



TE Part # 7-2151177-7
OCEAN_2.0_SPARE_PART_KIT-110F2600

Also in the Series | AMP MCP 6.3/4.8K



Automotive Housings(10)



Automotive Terminals(30)



Connector Seals & Cavity Plugs(1)



Other Automotive Connector Accessories(1)

Customers Also Bought



TE Part #2297813-3
BASE ASSY, 27 POSN ISO FUSE AND RELAY



TE Part #1564984-1
AMP MCP 2.8K, CONTACT, SWS



TE Part #1823111-1
SINGLE WIRE SEAL, FOR WIRE 2.5 SQMM, BN



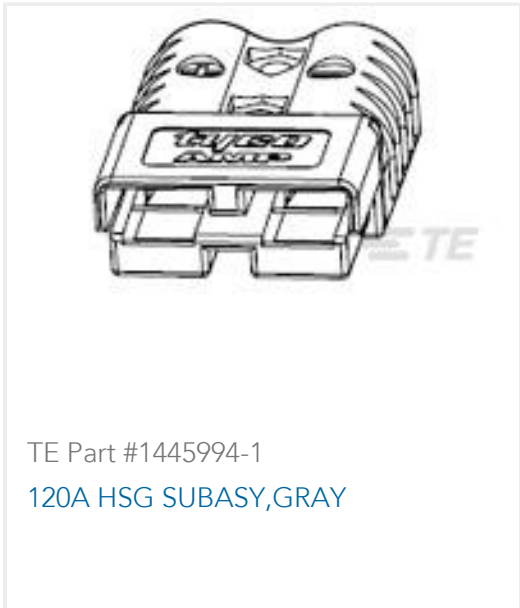
TE Part #1394512-1
EINZELLEITDICHTG,BL



TE Part #2109180-2
PCU 196P COVER HSG TYPE F



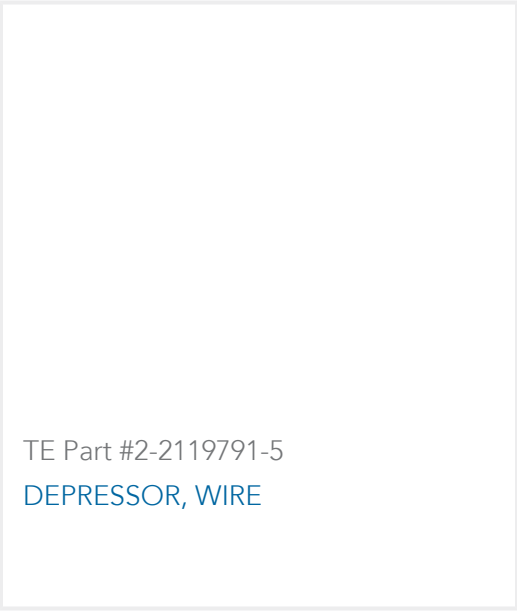
TE Part #7-2151596-7
OCEAN_2.0_SPARE_PART_KIT-050F120O



TE Part #1445994-1
120A HSG SUBASY,GRAY



TE Part #2-2119791-3
DEPRESSOR, WIRE



TE Part #2-2119791-5
DEPRESSOR, WIRE



TE Part #2177472-1
73POS, MIXED,REC HSG,ASSY,BK

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_1241414-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241414-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241414-1_A.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

Application Specification

English