



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



Terminal Type: **Receptacle**

Mating Tab Width: **4.8 mm, 5.8 mm, 6.3 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 \(110\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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Contact Features

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	24 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	4.8 mm, 5.8 mm, 6.3 mm[.189 in][.228 in][.248 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire
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Dimensions

Compatible Insulation Diameter Range	2.2 – 3.7 mm[.086 – .145 in]
Wire Size	1.5 – 2.5 mm²
Wire Size Search	13 AWG, 14 AWG, 15 AWG

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

Operation/Application

Conforms to KOMAX Automatic Component Insertion Guideline	Yes, per Version 5.0 (March 2018)
Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214
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Packaging Features

Packaging Quantity	1500
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)
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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 # 1-1579007-3
EXTRACTION TOOL



TE Part # CAT-T4827-CH8172
Timer Connector Housing



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



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



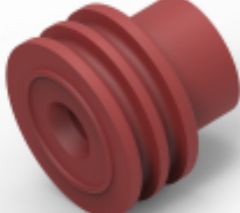
TE Part # CAT-AM705-CH8173
AMP Unsealed Connector Housing



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



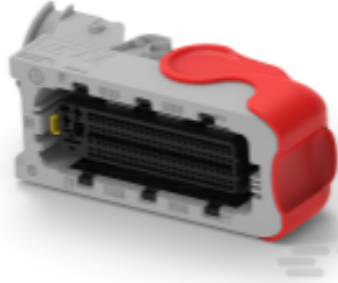
TE Part # 1-2209520-1
46POS. REC. HSG ASS'Y



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



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



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



TE Part # 2151177-2
OCEAN-2.0-APPLICATOR-S-110F260O-RSA



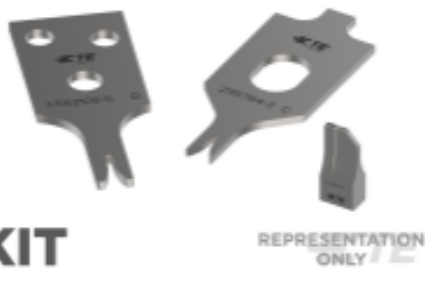
TE Part # 2209520-6
46POS. REC HOUSING ASSY



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



TE Part # 5-2151177-2
OCEAN-2.0-APPLICATOR-S-110F260O-RSA

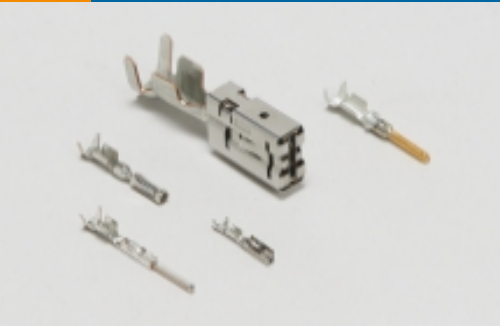


TE Part # 7-2151177-7
OCEAN_2.0_SPARE_PART_KIT-110F260O

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



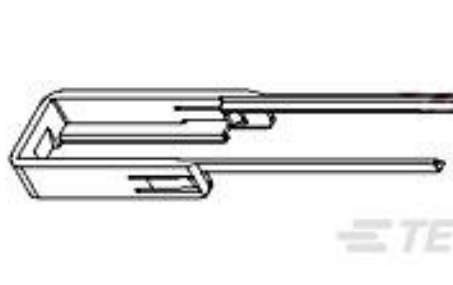
TE Part #968072-2
PQ5,2 Sn rec LL unseal. >1,0-2,5



TE Part #CB88166002
RBK-VWS-125-NR1-X-100MM



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



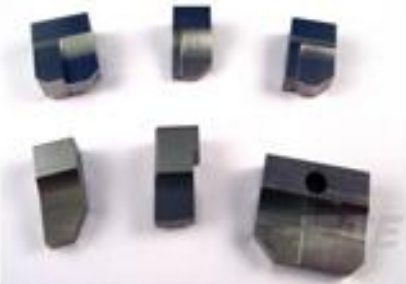
TE Part #1801268-1
SECONDARY LOCKING, 30 WAY



TE Part #2-2289748-0
58POS, MIXED, REC HSG, ASSY



TE Part #2359941-6
96POS, MCON-1.2 CB, REC HSG, ASSY



TE Part #3-1333207-8
ANVIL, COMBINATION .110



TE Part #1355528-2
MPQ 2.KONT-SICHNG8P



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