



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: **25 – 40 A (Power)**

Wire Size: **11 – 9 AWG**

[All AMP MCP, RECEPTACLE AND TAB \(125\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Typical Current Rating	36 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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	4 – 6 mm ²
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Wire Size Search	9 AWG, 10 AWG, 11 AWG
Wire Insulation Diameter	3.4 – 4.3 mm[.132 – .168 in]

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

Compatible With Wire Base Material	Copper
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Industry Standards

Agency/Standard	LV214
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Packaging Features

Packaging Method	Reel
Packaging Quantity	1700

Other

Terminal Transmits	25 – 40 A (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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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 # 1-1579007-3 EXTRACTION TOOL	 TE Part # 1394512-1 EINZELLEITDICHTG,BL	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # CAT-AM705-CH8173 AMP MCP, UNSEALED CONNECTOR HOUSING
 TE Part # 1740723-3 FASTON 250 TAB ACTION PIN TPPBR	 TE Part # CAT-M9194-CH8172 MULTILOCK, CONNECTOR HOUSING	 TE Part # 2-2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV	 TE Part # 2-2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV
 TE Part # 2-2837990-1 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	 TE Part # 2-2837990-2 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	 TE Part # 2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV	 TE Part # 2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV
 TE Part # 2837990-1 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	 TE Part # 2837990-2 APPLICATOR TO MAKE LOOSE PIECE TERMINALS	 TE Part # 7-2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV	 TE Part # 7-2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV

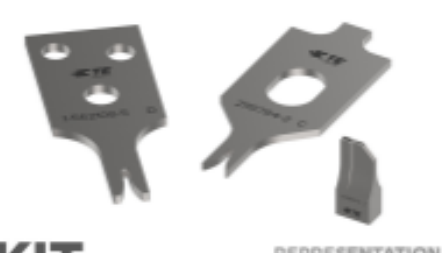




KIT

REPRESENTATION ONLY

TE Part # 7-2151254-7
OCEAN_2.0_SPARE_PART_KIT-160F190OV



KIT

REPRESENTATION ONLY

TE Part # 7-2836148-7
OC-160F190OV-CRIMPTOOLINGKIT



TE Part # 7-2837990-1
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS

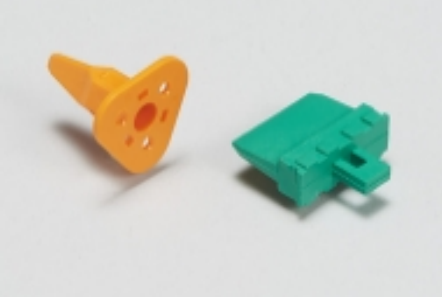


TE Part # 7-2837990-2
APPLICATOR TO MAKE LOOSE
PIECE TERMINALS

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers
(24)



Automotive Connector Locks &
Position Assurance(7)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(6)



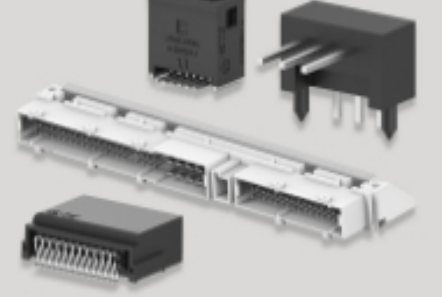
Automotive Terminals(125)



Insertion & Extraction Tools(13)

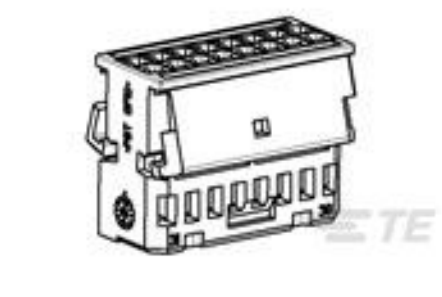


Other Automotive Connector
Accessories(2)



PCB Headers & Receptacles(29)

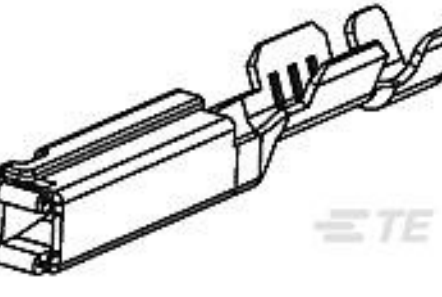
Customers Also Bought



TE Part #1534579-1
16POS MQS REC COD A



TE Part #1241416-1
AMP MCP, RECEPTACLE AND TAB



TE Part #1393364-2
V23540X7000Y 12=GET FEM TERM A



TE Part #1241962-1
SPT REC 6.3 Contact SWS Sn



TE Part #2005372-3
MT-II SLD 6P PLUG ASSY GRAY



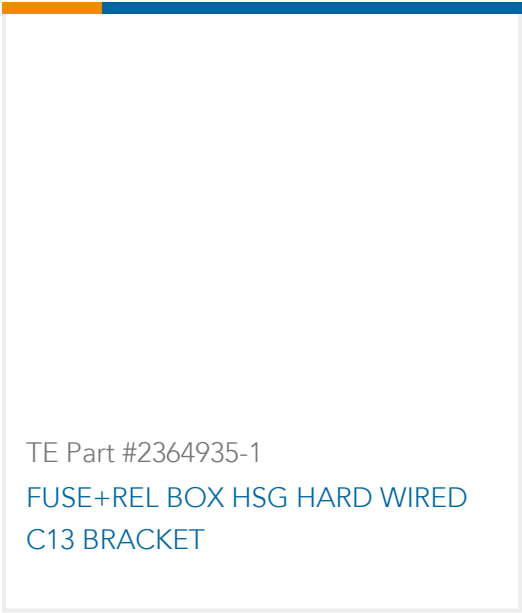
TE Part #2098067-6
Plug Assembly, Hybrid, BCM, B2, F Key



TE Part #1612275-3
SEALED 0.64/2.3II 126POS PLUG



TE Part #2364933-1
HOUSING WITH FUSE PULLER - C13
UEC KIT



Documents

Product Drawings

AMP MCP 6.3/4.8K, CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1241408-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1241408-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1241408-1_A.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

Product Environmental Compliance

Product Compliance

English

Product Compliance

English