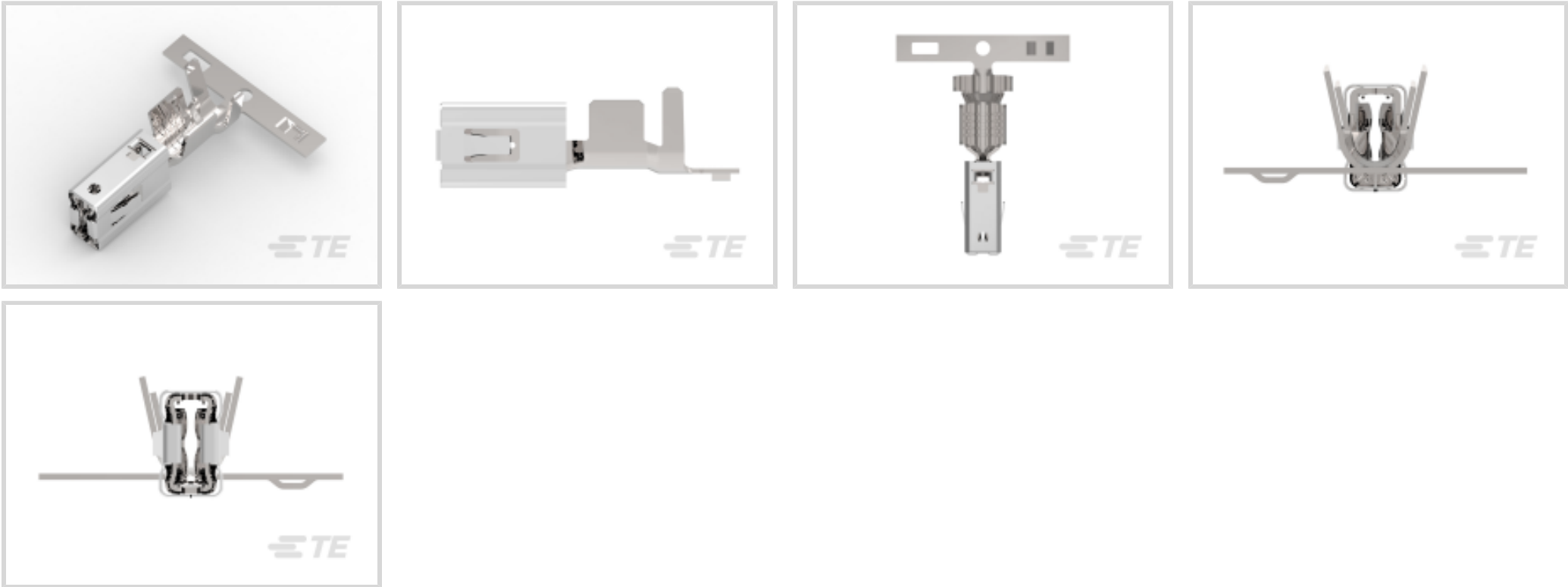




Terminals & Splices > Automotive Terminals > AMP MCP, RECEPTACLE AND TAB



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 \(124\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	4.8mm, 6.3mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
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	Silver (Ag)
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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	3.4 – 4.3 mm[.132 – .168 in]
Wire Size	4 – 6 mm ²
Wire Size Search	9 AWG, 10 AWG, 11 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, 140 °C, 145 °C, 150 °C, 170 °C, 180 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F][338 °F][356 °F]
Operating Temperature Range	-40 – 180 °C[-40 – 356 °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

Agency/Standard	LV214
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Packaging Features

Packaging Quantity	1700
Packaging Method	Reel

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: JUNE 2023 (235)



Candidate List Declared Against: JUNE 2023 (235)
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 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 # 2141608-4 5POS,AMP MCP6.3/4.8K,REC HSG,A	 TE Part # CAT-AM705-CH8173 AMP MCP Unsealed Connector Housings	 TE Part # 2141608-1 5POS,AMP MCP6.3/4.8K,REC HSG,A
 TE Part # 1-2282265-5 5POS,HVA,630,PIGTAIL,HYB ASSY	 TE Part # 1-2282291-5 2POS,HVA,630-2PHM PIGTAIL,HYB ASSY	 TE Part # 2-2282265-5 5POS,HVA,630,PIGTAIL,HYB ASSY	 TE Part # 2141630-1 5POS,HVA630,REC HSG ASSY, 180DEG,HVIL



TE Part # 2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV	TE Part # 2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV	TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp	TE Part # 7-2151254-1 OCEAN_2.0_APPLICATOR-S-160F190OV
TE Part # 7-2151254-2 OCEAN_2.0_APPLICATOR-S-160F190OV	TE Part # 7-2151254-7 OCEAN_2.0_SPARE_PART_KIT-160F190OV	TE Part # 7-2836148-7 OC-160F190OV-CRIMPTOOLINGKIT	TE Part # 9-2141264-2 SINGLE WIRE SEAL,AMP MCP6.3/4.8K
TE Part # 2394300-1 EXTRACTION TOOL			

Also in the Series | AMP MCP Connector System

Automotive Connector Caps & Covers (23)	Automotive Connector Locks & Position Assurance(6)	Automotive Housings(333)	Automotive Terminals(129)
Connector Seals & Cavity Plugs(7)	Insertion & Extraction Tools(13)	Other Automotive Connector Accessories(2)	PCB Headers & Receptacles(28)

Customers Also Bought



TE Part #HC5899
BAT CONNECTOR POS8MM
AUXILLARY MNT

TE Part #CH03636001
QSZH-125-NR4-50MM

TE Part #1-2141261-1
SHIELD CRIMP FERRULE, INNER

TE Part #1-2141617-1
SHIELD CRIMP FERRULE

TE Part #1-2177063-2
3POS, 8MM HV, PLUG HSG, ASSY,
SEALED

TE Part #2329735-1
HVA630 3P CABLE CLIP

TE Part #HC5840D
INTEGRAL BATT. POST. DOUBLE
TAPER.

TE Part #HC5841
70MM2 BATTTERY CLMP ASSMB
NEGATIVE

TE Part #HC5901
BATT.POST CLAMP -VE MK.3

TE Part #DT04-12PA-930C
REC, 12P, BLK, N, SEALED FLANGE, A

Documents

Product Drawings
AMP MCP 6.3/4.8K, CONTACT

English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-1241408-3_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2-1241408-3_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2-1241408-3_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Engineering Specification

English

Engineering Specification

English