1-967588-1 ✔ ACTIVE

AMP | AMP MCP Connector System

TE Internal #: 1-967588-1

Automotive Terminals, Receptacle, Mating Tab Width 9.5 mm [.374 in], Tab Thickness 1.2 mm [.047 in], 9 - 7 AWG Wire Size, AMP MCP Connector System

View on TE.com >

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







Terminal Type: **Receptacle**

Mating Tab Width: **9.5 mm [.374 in]**

Mating Tab Thickness: **1.2 mm [.047 in]**

Terminal Transmits: **41 - 100 A (High Power)**

Wire Size: **9 - 7 AWG**

All AMP MCP, RECEPTACLE AND TAB (123)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

Contact Features

Contact Size	9.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	65 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	9.5 mm[.374 in]
Mating Tab Thickness	1.2 mm[.047 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	4.6 - 6.4 mm[.18 - .25 in]
Wire Size	6 - 10 mm^2
Wire Size Search	7 AWG, 8 AWG, 9 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

Packaging Features

Packaging Quantity	600
Packaging Method	Reel

Other

Terminal Transmits	41 - 100 A (High Power)

Product Compliance

For compliance documentation, visit the product page on TE.com>

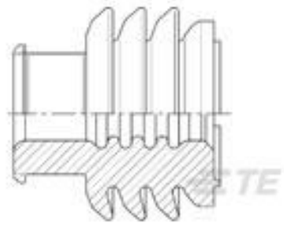
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240)

	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 # 1355437-2
MCP9,5 EINZELDICHTG



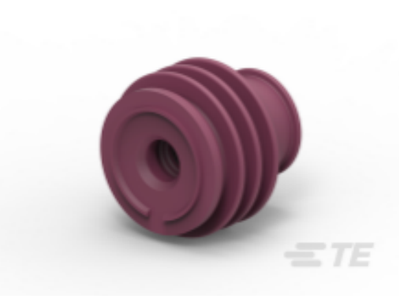
TE Part # CAT-L489-CH8172
LEAVYSEAL Housings



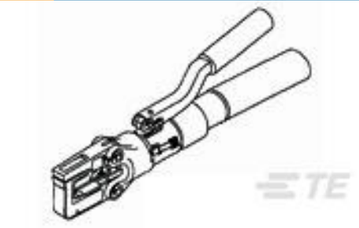
TE Part # CAT-AM705-CH8173
AMP MCP Unsealed Connector Housings



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 1355437-1
MCP9,5 EINZELDICHTG



TE Part # 539783-5
DIE MCP 9,5 6MM



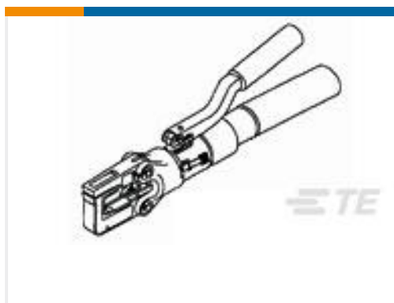
TE Part # 1385368-3
HDM 9SAPR200F300F G



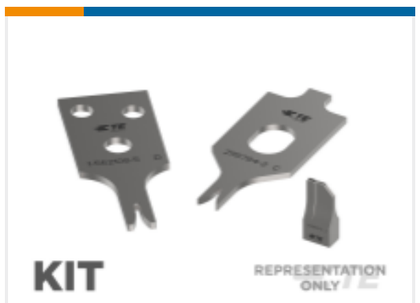
TE Part # 1855598-3
HDM/FA SAPR.200F.300F BENCH G CUT



TE Part # 2266642-2
OCEAN_2.0_APPLICATOR-S-200F300F



TE Part # 539783-6
DIE MCP 9,5 10MM



TE Part # 7-2266642-7
OCEAN_2.0_SPARE_PART_KIT-200F300F



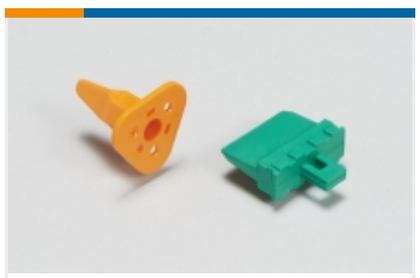
TE Part # 7-2266642-2
OCEAN_2.0_APPLICATOR-S-200F300F

TE Part # 968825-1
MCP9,5VORSTANZBAND

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (23)



Automotive Connector Locks & Position Assurance(6)



Automotive Housings(329)



Automotive Terminals(129)



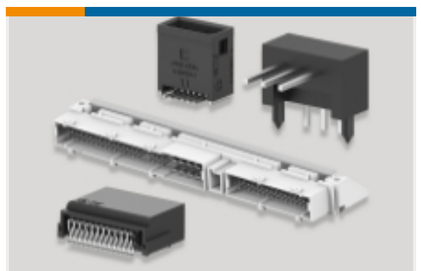
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)

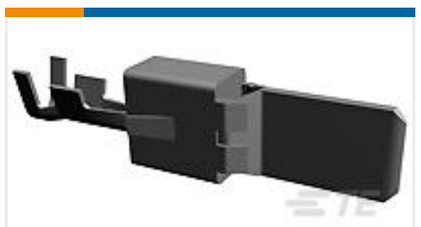


Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

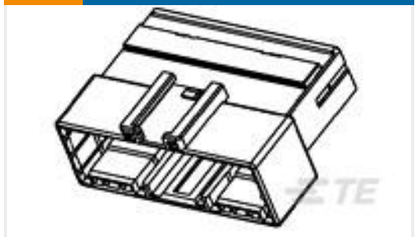
Customers Also Bought



TE Part # 963768-1
TAB 9.5x1.2 CONTACT CS SRC Sn



TE Part # 1718562-1
REC. HSG.,4POSN.,RAD.SEAL,AMP MCP2.8K



TE Part # 936271-1
090III 6P(D) CAP ASSY



TE Part # 1355290-1
9,5 TAB HOUSING 2POS,BLACK



TE Part # 936619-2
MCP 9.5MM PLUG 2P ASSY BLK



TE Part # 1743059-2
MT-II/JPT SLD 36P PLUG ASSY



TE Part # 2209954-1
AIRBAG 24P COVER ASSY



TE Part # 1-2299987-2
65W SEAL PLUG,CONN KIT



TE Part # 1-2355506-1
2POS,MCON 1.2,REC HSG ASSY,SLD, COD A

TE Part # 1813018-4
MINI FUSE RECEPTACLE

Documents

Product Drawings

AMP MCP 9.5, CONTACT

English

CAD Files

Customer View Model

ENG_CVM_1-967588-1_B4.3d_igs.zip

English

Customer View Model

ENG_CVM_1-967588-1_B4.3d_stp.zip

English

Customer View Model

ENG_CVM_1-967588-1_B4.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

German