



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	Yes
Primary Locking Feature	Locking Lance

Body Features

Terminal Seal Type	Single Wire Seal (SWS)
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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
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Packaging Features

Packaging Quantity	500
Packaging Method	Reel

Other

Terminal Transmits	41 - 100 A (High 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC

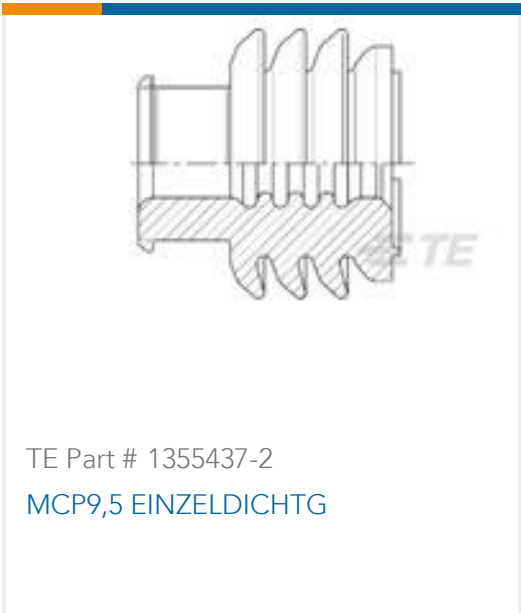
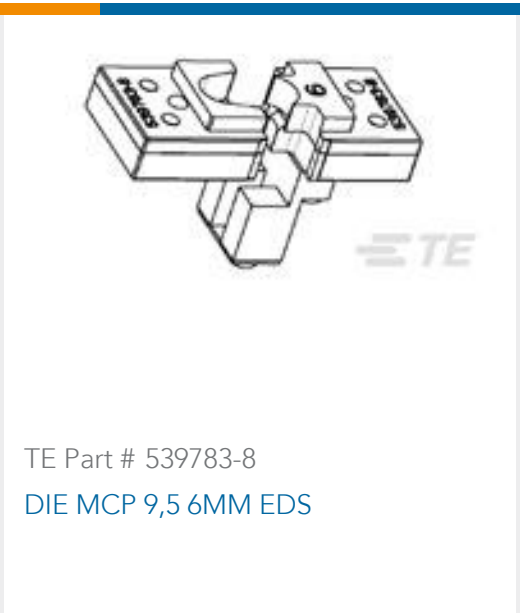
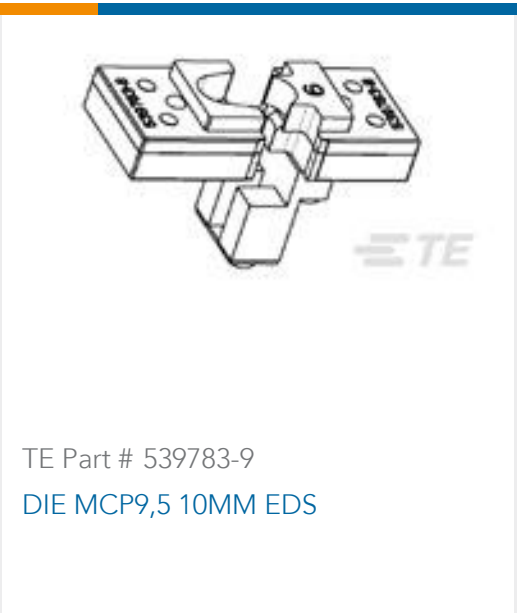
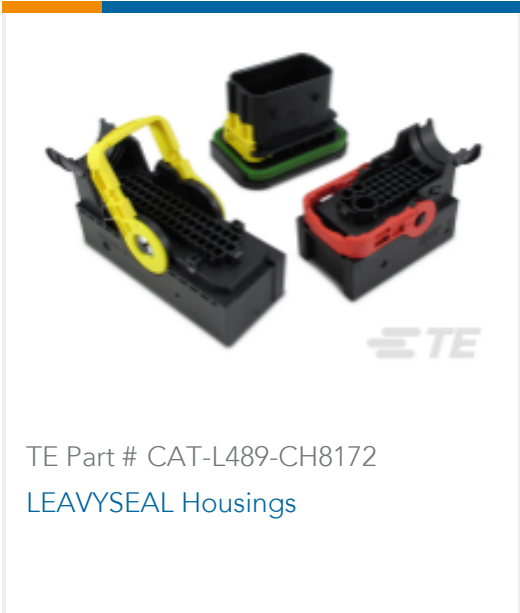
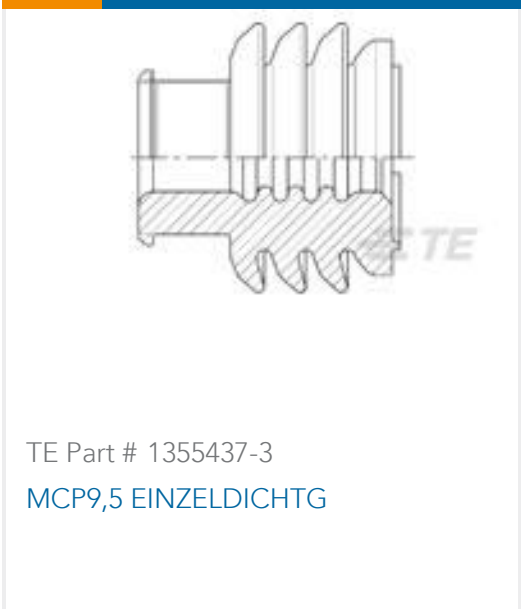


Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

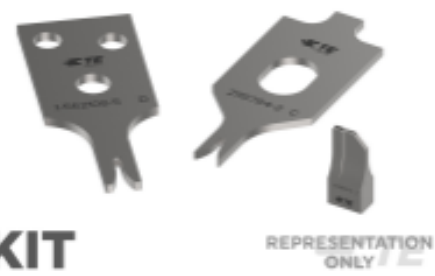
Product Compliance Disclaimer

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 # CAT-AM705-CH8172 AMP MCP, SEALED CONNECTOR HOUSING	 TE Part # 1355437-2 MCP9,5 EINZELDICHTG	 TE Part # 539783-8 DIE MCP 9,5 6MM EDS	 TE Part # 539783-9 DIE MCP9,5 10MM EDS
 TE Part # CAT-L489-CH8172 LEAVYSEAL Housings	 TE Part # 963774-1 TAB 9.5x1.2 CONTACT CS SWS Sn	 TE Part # CAT-T4827-CH8172 Timer Connector Housing	 TE Part # 1743793-1 MCP 9.5MM 1P PLUG ASSY
 TE Part # 539971-1 EXTRACTION TOOL	 TE Part # 1355437-3 MCP9,5 EINZELDICHTG	 TE Part # 1355437-1 MCP9,5 EINZELDICHTG	 TE Part # 2151794-2 OCEAN-2.0-APPLICATOR-S-200F4300





KIT

REPRESENTATION ONLY

TE Part # 7-2151794-7
OCEAN_2.0_SPARE_PART_KIT-200F430O

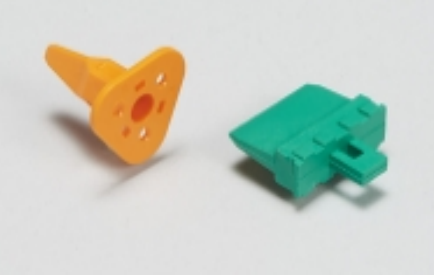


TE Part # 968828-1
MCP9,5VORSTANZBAND

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)



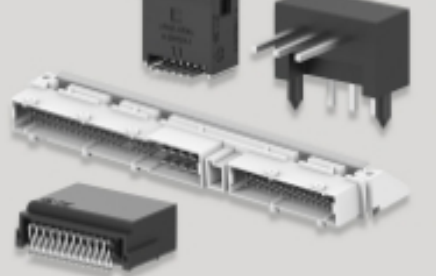
Connector Seals & Cavity Plugs(7)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(28)

Customers Also Bought



TE Part # 963774-1
TAB 9.5x1.2 CONTACT CS SWS Sn



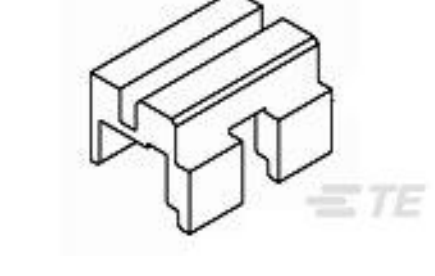
TE Part # 1-1411325-3
2X3POS. GET-ASSY SOCKET HOUSIN



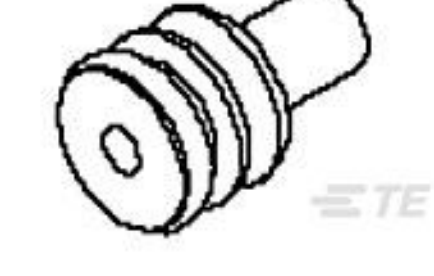
TE Part # 1717677-4
CAP ASSY,12P,BRACKET REVERSE TYPE,ATAC C



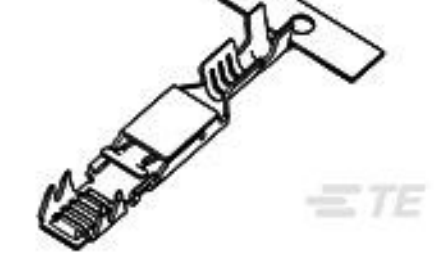
TE Part # 4-968974-1
MCP2,8 GEH ASSY 18P



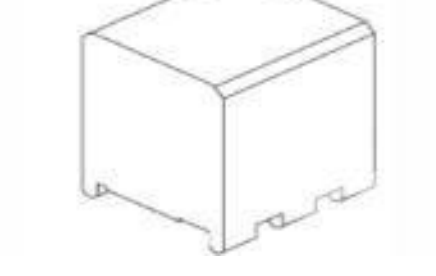
TE Part # 122559-1
SEATING TOOL 2MM HM 7 ROW



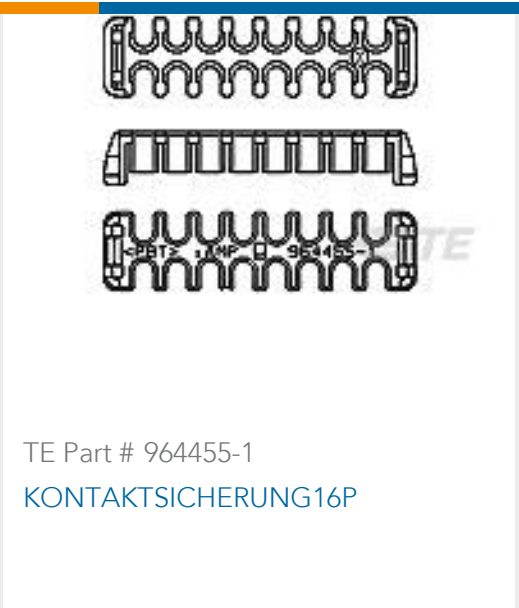
TE Part # 638865-1
CABLE SEAL 12 AWG PWR TMR TERM



TE Part # 353842-1
FPC SENSOR CONT.



TE Part # 91376-1
SEATING TL,RCPT,HMZD,3 PR



Documents

Product Drawings

AMP MCP 9.5, CONTACT, SWS

English

CAD Files

Customer View Model

ENG_CVM_1-967590-1_B4.3d_igs.zip

English

Customer View Model

ENG_CVM_1-967590-1_B4.3d_stp.zip

English

Customer View Model

ENG_CVM_1-967590-1_B4.2d_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

AMP MCP 9.5 Two Position Connectors Series Brief

English

AMP MCP 9.5 Two Position Connectors Infographic

English

Product Specifications

Application Specification

German

Application Specification

English

Application Specification

German