

1394026-1 ✓ ACTIVE

AMP | AMP MCP 9.5, AMP MCP Connector System

TE Internal #: 1394026-1

Housing for Male Terminals, Wire-to-Wire, 2 Position, .649 in [16.5 mm] Centerline, Sealable, Black, Power, Panel Mount, Hybrid

[View on TE.com >](#)



Connectors > Automotive Connectors > Automotive Housings > AMP MCP, SEALED CONNECTOR HOUSING



Connector System: **Wire-to-Wire**

Number of Positions: **2**

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **16.5 mm [.649 in]**

Sealable: **Yes**

[All AMP MCP, SEALED CONNECTOR HOUSING \(172\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	28 VDC
Nominal Voltage Architecture	12 V, 24 V

Body Features



Primary Product Color	Black
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Contact Features

Contact Size	9.5mm
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Contact Type	Tab
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Mating Tab Width	9.5 mm[.374 in]
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Contact Current Rating (Max)	78 A
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Mechanical Attachment

Terminal Position Assurance	Yes
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Strain Relief	Without
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Mating Alignment Type	Polarization Slot
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Mating Alignment	With
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Connector Mounting Type	Panel Mount
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Housing Features

Housing Material	PBT GF
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Centerline (Pitch)	16.5 mm[.649 in]
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Dimensions

Connector Height	37.7 mm[1.482 in]
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Product Width	83.9 mm[3.303 in]
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Product Length	57.6 mm[2.267 in]
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Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F]
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Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Degree of Protection	IP67, IP69K
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UL Flammability Rating	UL 94HB
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Packaging Features

Packaging Quantity	200
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Packaging Method	Box
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Other

Serviceable	Yes
Connector Position Assurance Capable	No

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: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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>

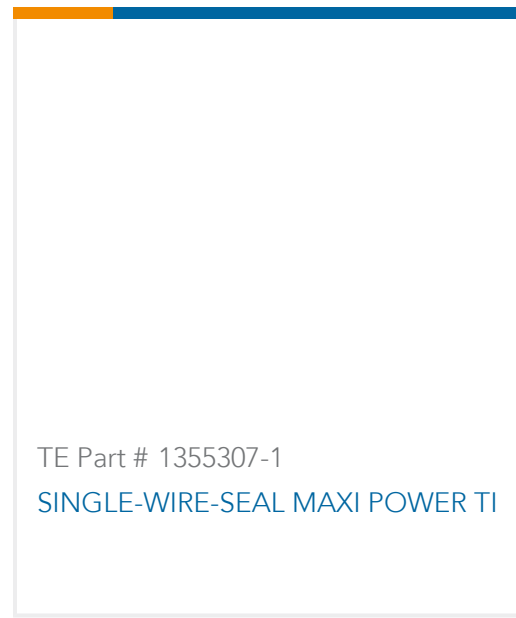
Compatible Parts

TE Part # 1355437-2
MCP9,5 EINZELDICHTEG

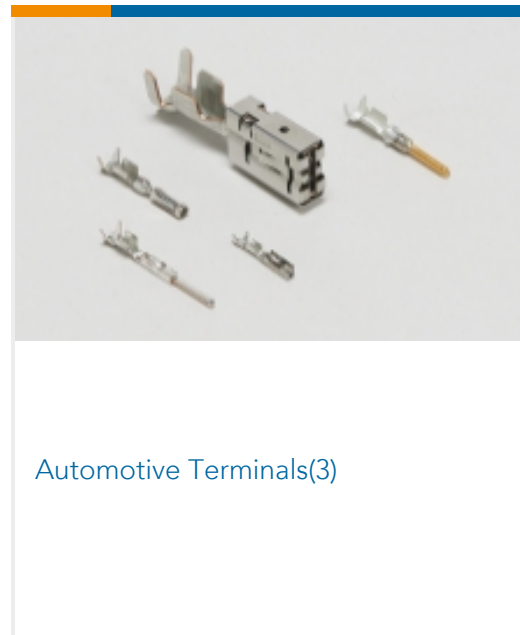
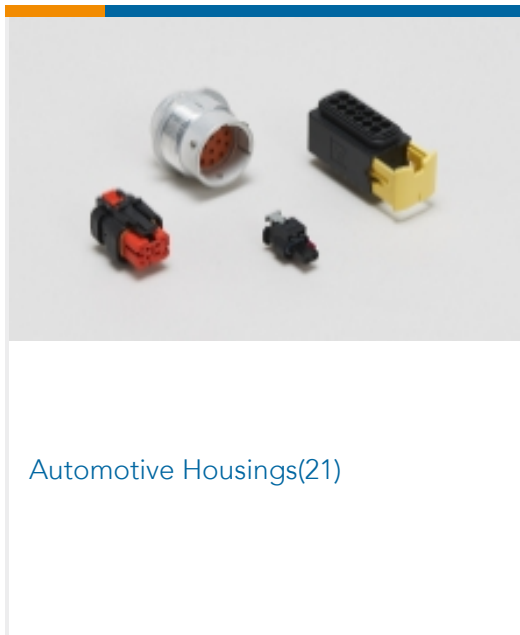
TE Part # 1355328-1
2POS,AMP MCP 9.5,REC HSG ASSY, SLD

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

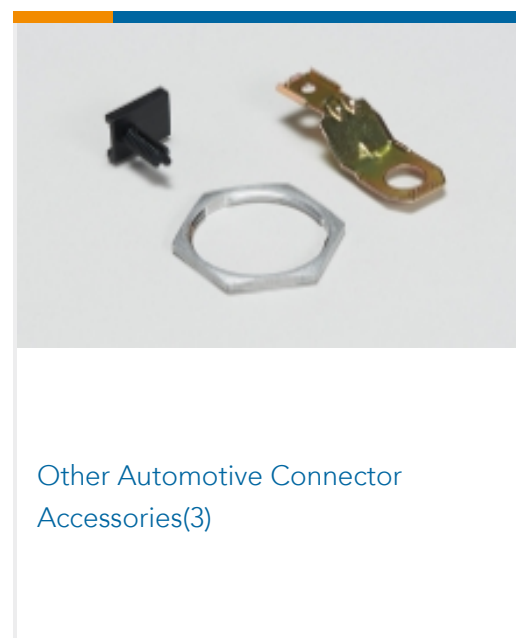
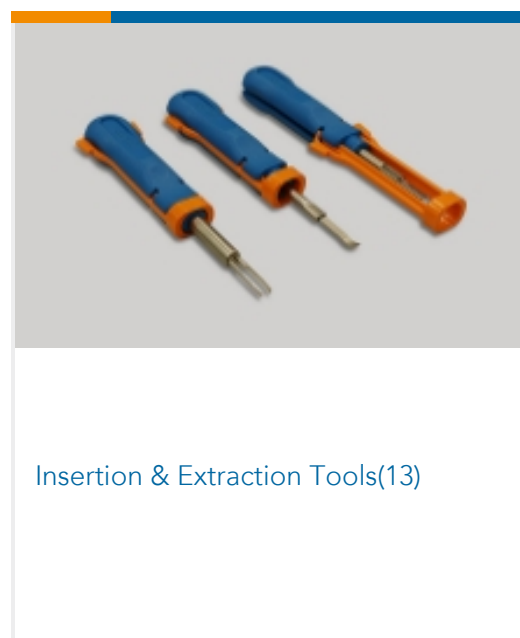
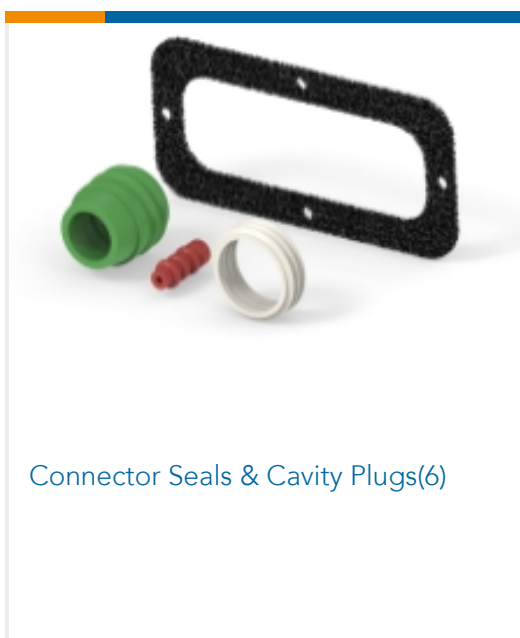
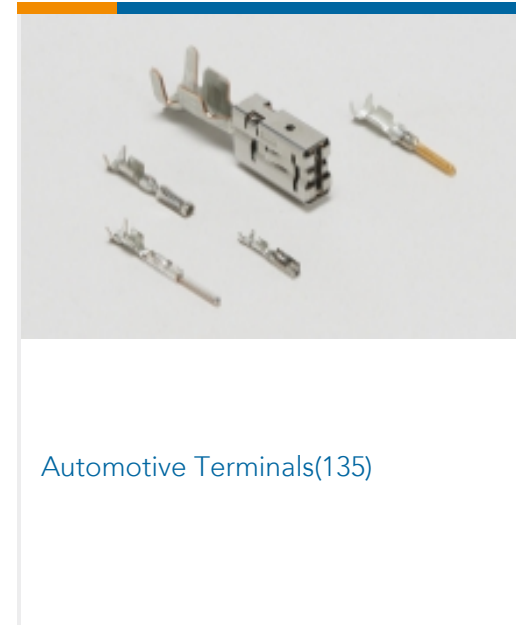
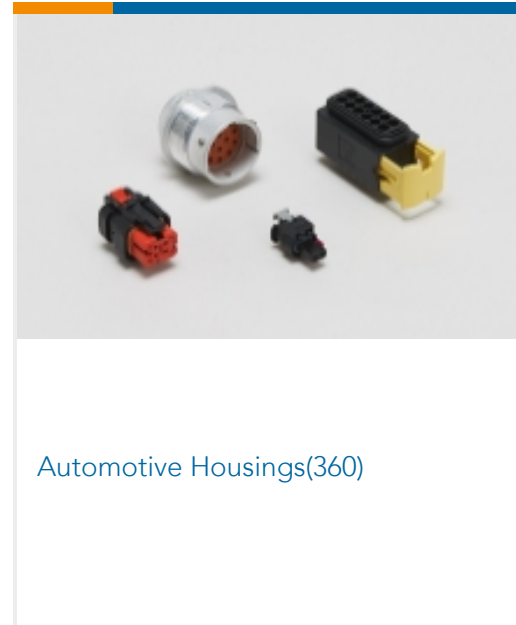
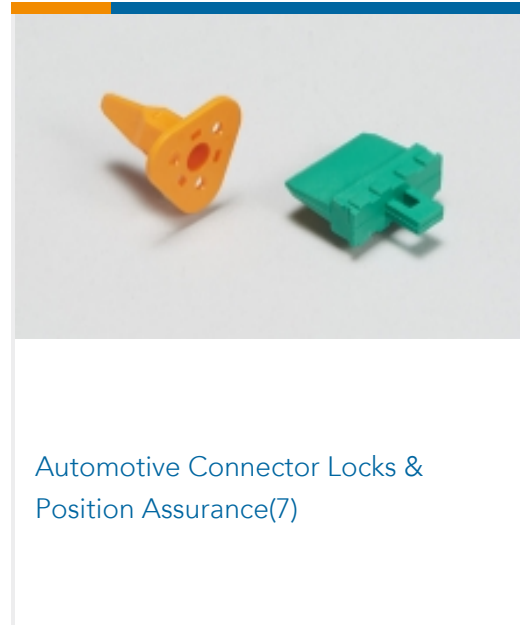
TE Part # 1355437-3
MCP9,5 EINZELDICHTEG



Also in the Series | **AMP MCP 9.5**



Also in the Series | **AMP MCP Connector System**



Customers Also Bought



TE Part #DRC12-24PB
REC, 24P, BLK, N, FLANGE, B



TE Part #1897213-2
MCP 6.3 2P CAP HSG



TE Part #1564562-2
SLIDE,TAB HSG GROUP D



TE Part #1443997-2
BASE ASSEMBLY, 60 POSITION, BB



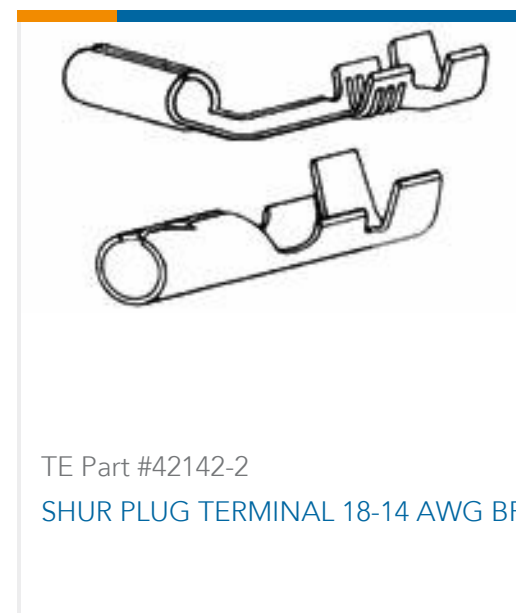
TE Part #2371884-4
23POS,AMPSEAL,SOC HSG ASSY,SLD,
COD 4



TE Part #CB0934-000
FL2500-NO.4-J2-0-55MM



TE Part #6-1414989-1
V23134Z1020-EV-CBOX



TE Part #42142-2
SHUR PLUG TERMINAL 18-14 AWG BR



TE Part #AS218-35PA
RECEPT.BOX MNTG. TYPE 2



TE Part #063725P074
ES2000-NO.2-B9-0-43MM

Documents

Product Drawings

[FLA-STE-GEH9,5MM 2P](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1394026-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1394026-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1394026-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages



[AMP MCP 9.5 Two Position Connectors Series Brief](#)

English

[AMP MCP 9.5 Two Position Connectors Infographic](#)

English

[Product Specifications](#)

[Application Specification](#)

German