

284425-1 ✓ ACTIVE

AMP MCP | AMP MCP Connector System, AMP MCP 1.5K

TE Internal #: 284425-1

12 V, 3 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Power, Hybrid

[View on TE.com >](#)



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



Nominal Voltage Architecture: 12 V

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

Number of Positions: 3

Sealable: **Yes**

Operating Temperature Range: -40 – 140 °C [-40 – 284 °F]

[All AMP MCP, SEALED CONNECTOR HOUSING \(97\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Housing for Female Terminals
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	3
Number of Rows	1

Electrical Characteristics



Operating Voltage	24 VDC
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Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180 °
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Primary Product Color	Black
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Contact Features

Contact Size	1.5mm
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Contact Type	Receptacle
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Mating Tab Width	1.5 mm[.059 in]
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Mechanical Attachment

Strain Relief	Without
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Terminal Position Assurance	Yes
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Mating Alignment Type	Polarization
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	PA GF
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Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Product Width	26.25 mm[1.03 in]
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Product Length	35.51 mm[1.39 in]
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Connector Height	22.6 mm[.89 in]
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Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
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Operating Temperature (Max)	140 °C[284 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

IP Rating	IP54K
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Compatible With Agency/Standards Products	IEC 529 IP 54
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Packaging Features



Packaging Quantity	100
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Packaging Method	Bag
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Other

Serviceable	No
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Connector Position Assurance Capable	Yes
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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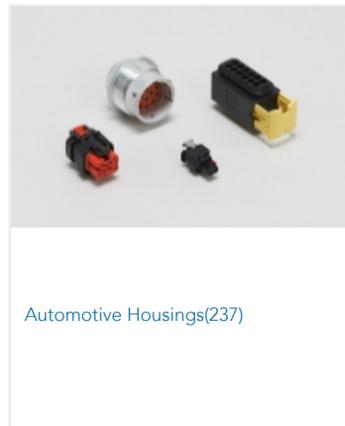
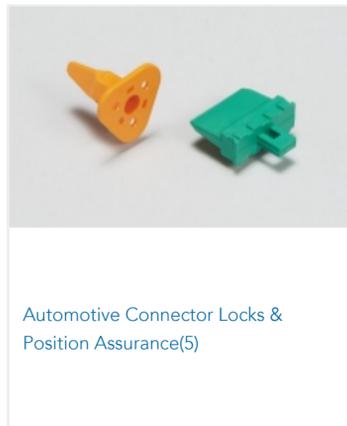
Product Compliance Disclaimer

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>

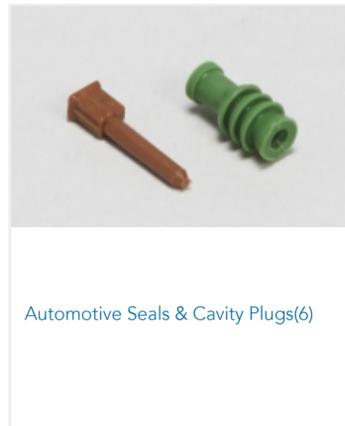
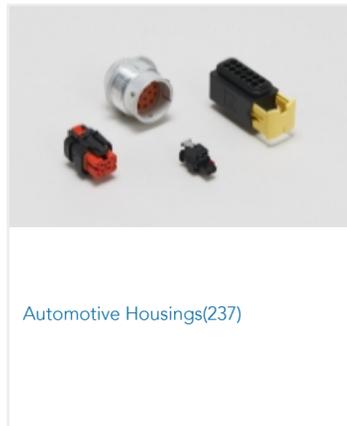
Compatible Parts



Also in the Series | AMP MCP 1.5K



Also in the Series | AMP MCP Connector System



Customers Also Bought



TE Part #927845-1
JPT SL REC 2.8 Contact SRC Sn



TE Part #936777-2
MT-II/JPT SLD 20P PLUG ASSY



TE Part #1601046-2
WIRE2WIRE,STD,SMZ



TE Part #1601097-3
TAB,2.79X0.81,STD,SMZ



TE Part #1897014-2
MT-2/JPT SLD 26P PLUG COVER



TE Part #1897015-2
MT-2/JPT SLD 26P CAP COVER



TE Part #2137216-1
3P SPLASH PROOF CONNECTOR ASS'Y



TE Part #1743550-2
GLOW PLUG 1P HSG

TE Part #2307646-1
TPA TAB HSG,8POS,ECONOSEAL

TE Part #2434809-1
MQS 1.5,TERMINAL,CB,UNSEAL,0.75-1.5

Documents

Product Drawings

[3P, 1.5MM SFC, REC HSG, SLD, SPARK COIL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_284425-1_D.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284425-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284425-1_D.3d_stp.zip](#)

English

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Product Specifications



Product Specification

English

Instruction Sheets

2 and 3 pos. connector for spark coil

English

Instruction Sheet (non U.S.)

English