284556-1 ✔ ACTIVE

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

TE Internal #: 284556-1

12 V / 24 V, 2 Position, Automotive Housing for Female Terminals, Wire-to-Wire, 4 mm [.157 in] Centerline, Sealable, Black, Wire & Cable, Hybrid

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Automotive Parts > Automotive Connectors > Automotive Housings







Nominal Voltage Architecture: **12 V, 24 V**

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

Number of Positions: **2**

Sealable: **Yes**

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

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

Number of Positions	2
Number of Rows	1

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

Contact Size	1.5mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm[.059 in]
Contact Current Rating (Max)	9 A, 10 A, 11 A

Mechanical Attachment

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

Housing Features

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

Dimensions

Product Width	22.6 mm[.89 in]
Product Length	22.7 mm[.894 in]
Connector Height	34.9 mm[1.374 in]

Usage Conditions

Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]
Operating Temperature (Max)	125 °C[158 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

IP Rating	IP54K

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Other

Serviceable	No
Connector Position Assurance Capable	Yes

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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 284577-1
2 POS. S.L. FOR SPARK COIL

TE Part # 284579-1
2 POS. POLARIZATOR FOR SPARK C



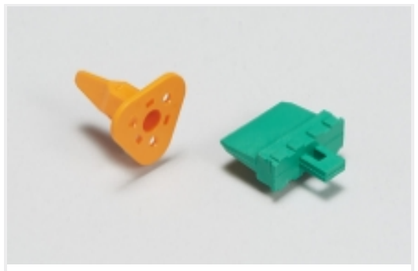
TE Part # 284576-1
2 POS. HSG. FOR SPARK COIL



TE Part # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE

TE Part # 284580-1
2 POS. PERIPHERAL SEAL FOR SPA

Also in the Series | AMP MCP Connector System



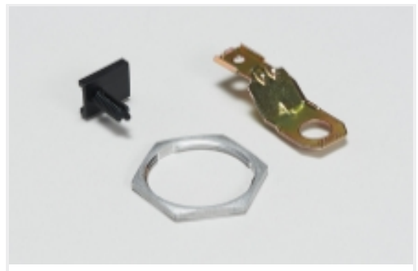
Automotive Connector Locks & Position Assurance(1)



Automotive Housings(59)



Automotive Seals & Cavity Plugs(6)

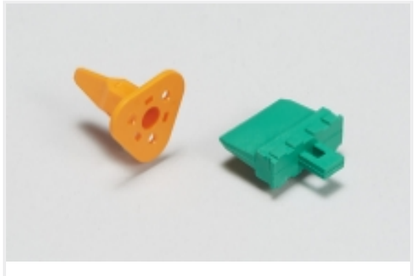


Other Automotive Connector Accessories(4)

Also in the Series | AMP MCP 1.5K



Automotive Connector Caps & Covers (4)



Automotive Connector Locks & Position Assurance(1)



Automotive Housings(59)



Automotive Signal & Power Connector Housings(42)

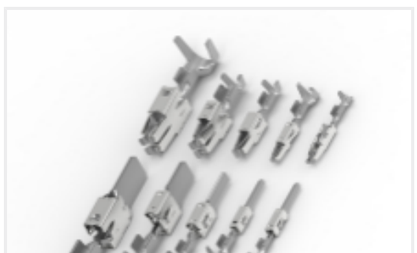
Customers Also Bought



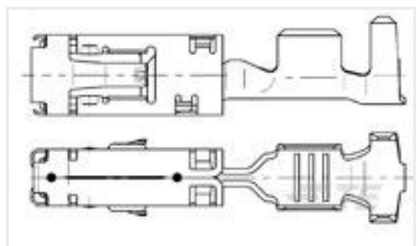
TE Part #282189-5
SPLASH PROOF CONN. W.S.L.



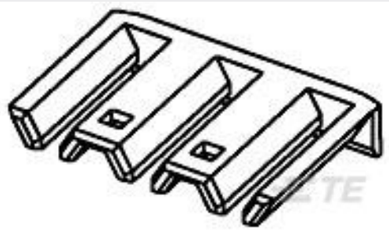
TE Part #638652-2
RECEPT,1.5MM,TIN 18-20AWG RD=1



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



TE Part #967542-1
SENSOR FLA-KONT 2,8



TE Part #1-1355135-1
RETAINER 94P



TE Part #CAT-G3353-T273
GET .64 CONNECTOR SYSTEM, RECEPT AND TAB



TE Part #1-1419168-1
MARKET 1X6 FEMALE SEALED

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284556-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284556-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284556-1_C.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Instruction Sheets

2 and 3 pos. connector for spark coil

English

Instruction Sheet (non U.S.)

English