284425-1 ✔ ACTIVE

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

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
Nominal Voltage Architecture	12 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]

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

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

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

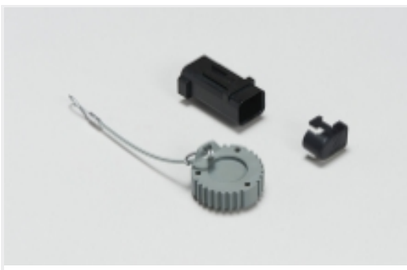
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

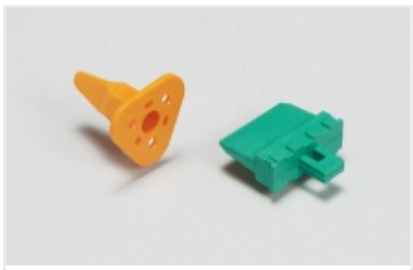


TE Part # CAT-AM706-T273
AMP MCP, SFC, RECEPTACLE

Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (4)



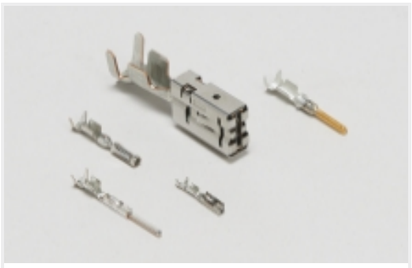
Automotive Connector Locks & Position Assurance(1)



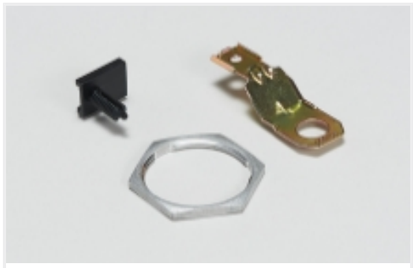
Automotive Housings(59)



Automotive Signal & Power Headers(8)



Automotive Terminals(22)



Other Automotive Connector Accessories(4)

Also in the Series | AMP MCP 1.5K

Automotive Connector Caps & Covers (4)

Automotive Connector Locks & Position Assurance(1)

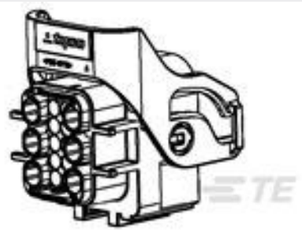
Automotive Housings(59)

Automotive Signal & Power Connector Housings(42)

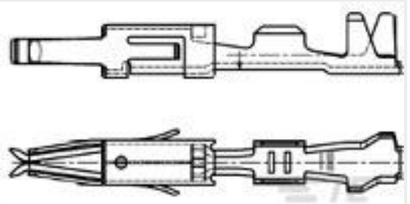
Customers Also Bought



TE Part #2-160967-1
CABLE TY 98X2.5 NAT



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



TE Part #962876-1
MT2 REC 1.6 Contact SWS Sn



TE Part #1601046-2
WIRE2WIRE,STD,SMZ



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



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



TE Part #2035334-3
CONTACT,FEMALE0.64, 20 TO 22 AWG



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



TE Part #1743550-2
GLOW PLUG 1P HSG

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

Documents

Product Drawings

3 POS CONNECTOR FOR INJECTION

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

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