

284875-6 ✓ ACTIVE

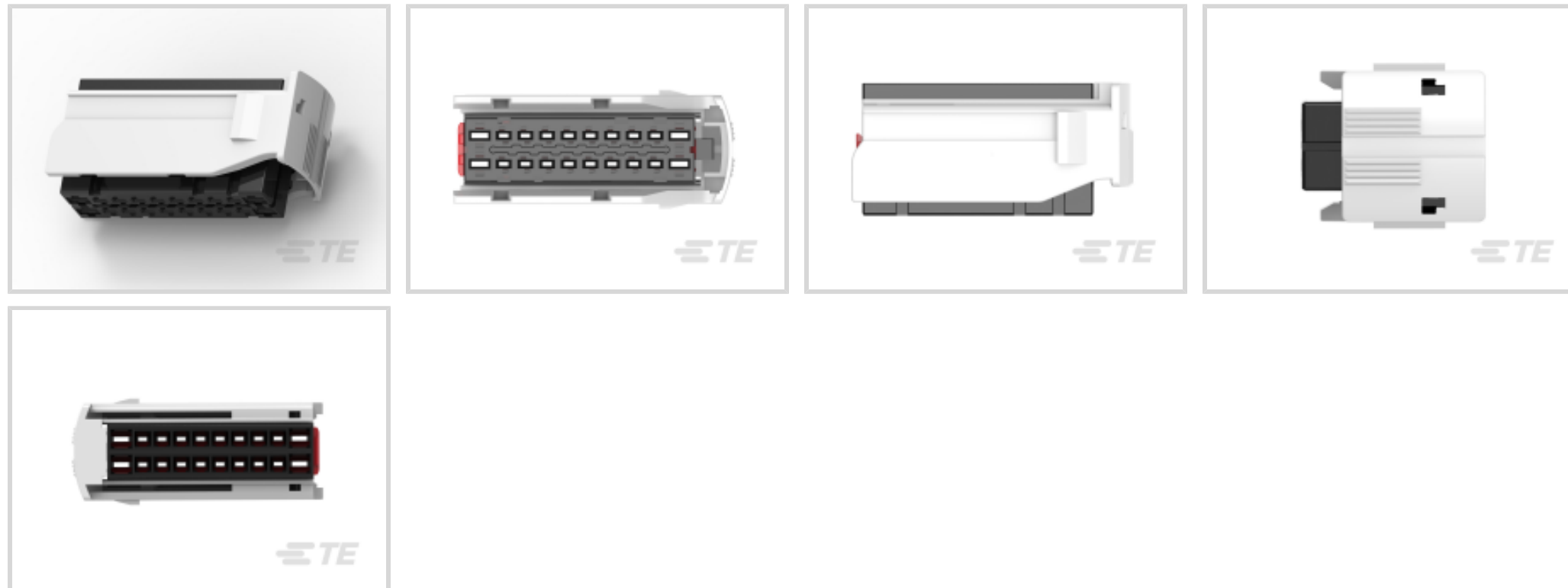
AMP | AMP MCP 1.5K, AMP MCP 2.8, AMP MCP Connector System

Hybrid, Housing for female terminals, Wire-to-Wire, 20 Position, Black, Signal

[View on TE.com >](#)



Connectors > Automotive, Truck, Bus, & Off-Road Connectors > Connector Housings > AMP MCP, UN-SEALED CONNECTOR HOUSING



Connector Style: **Housing for female terminals**

Mating Tab Width: **1.6 mm, 2.8 mm [.063 in, .11 in]**

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

Number of Positions: **20**

Centerline (Pitch): **4.2 mm, 4.65 mm [.165 in, .183 in]**

[All AMP MCP, UN-SEALED CONNECTOR HOUSING \(179\)](#)

Features

Product Type Features

Connector Style	Housing for female terminals
Connector System	Wire-to-Wire
Sealable	No
Hybrid Connector	No
Primary Locking Feature	On the Terminal
Strain Relief	No
Row-to-Row Spacing	3 mm [.118 in]

Configuration Features

Number of Positions	20
Number of Rows	2

Electrical Characteristics

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

Body Features

Cable Exit Angle	180°
Body Material	PA GF
Color	Black

Contact Features

Mating Tab Width	1.6 mm, 2.8 mm [.063 in][.11 in]
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Mechanical Attachment

Terminal Position Assurance	Yes
Mounting Feature	Without
Polarized	No

Housing Features

Centerline (Pitch)	4.2 mm, 4.65 mm [.165 in][.183 in]
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Dimensions

Height	25.6 mm [1.008 in]
Length	55.2 mm [2.173 in]
Width	21 mm [.827 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Bag/Box
Packaging Quantity	600

Other

Serviceable	Yes
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: JAN 2019 (197)
Candidate List Declared Against: JUN 2016 (169)

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 1241388-1
AMP MCP 2.8K, CONTACT



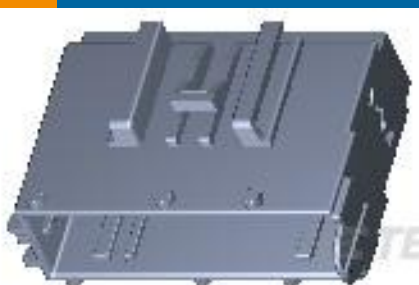
TE Part # 1241390-1
AMP MCP 2.8K, CONTACT



TE Part # 1241374-1
AMP MCP 1.5K, CONTACT



TE Part # 1534334-1
AMP MCP 1.5K, CONTACT



TE Part # 284879-1
20 POS MALE HOUSING
ASSY



TE Part # 284879-6
20 POS MALE HOUSING
ASSY

Also in the Series | [AMP MCP 1.5K](#)



Automotive Connector Caps & Covers(1)

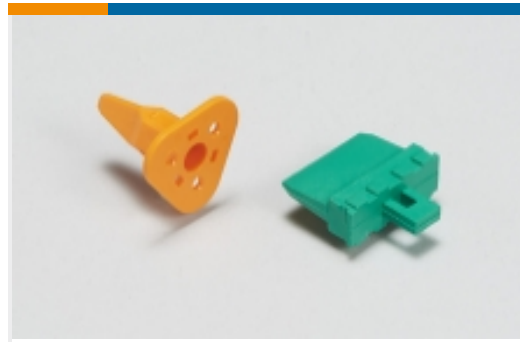


Automotive, Truck, Bus, & Off-Road Housings(106)

Also in the Series | **AMP MCP 2.8**



Automotive Connector Caps & Covers(1)



Automotive Connector Locks & Position Assurance (6)



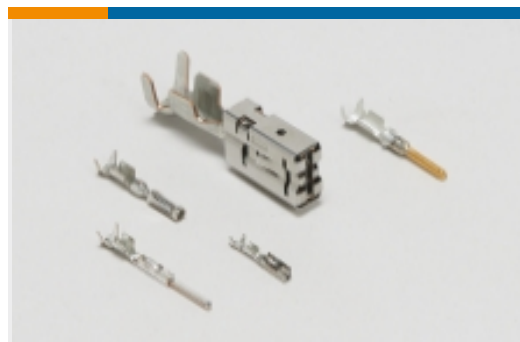
Automotive Seals & Cavity Plugs(1)



Automotive, Truck, Bus, & Off-Road Headers(1)



Automotive, Truck, Bus, & Off-Road Housings(179)



Automotive, Truck, Bus, & Off-Road Terminals(7)

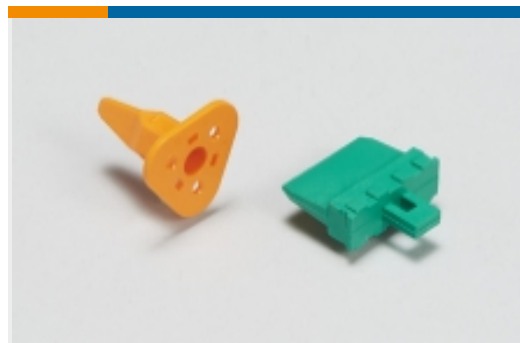


Module Component(1)

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



Automotive Connector Caps & Covers(25)



Automotive Connector Locks & Position Assurance (8)



Automotive Seals & Cavity Plugs(6)



Automotive, Truck, Bus, & Off-Road Headers(30)



Automotive, Truck, Bus, & Off-Road Housings(349)

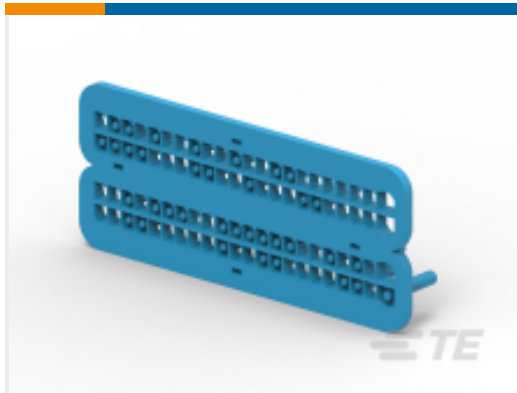


Automotive, Truck, Bus, & Off-Road Terminals(142)



Other Automotive Connector Accessories(2)

Customers Also Bought



TE Part #2-284871-5
MULTIPLE CAVITY PLUG
94W



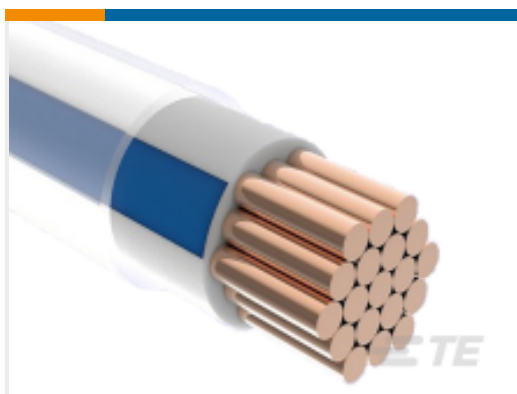
TE Part #2-284871-7
MULTIPLE CAVITY MASK
FOR 94 POS. CONN.



TE Part #2-284939-0
CAVITY PLUG FOR 60
POS. CONNEC



TE Part #4-2098922-1
SDM,54P PLUG ASY,RHL,
KEY B



TE Part #D627423001
ACW0219-0.50-94(NS)



TE Part #1886403001
ACW0219-1.50-10(NS)

Documents

Product Drawings

20 POS FEMALE CONN ASSY

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_284875-6_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284875-6_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284875-6_C.3d_stp.zip](#)

English



Product Specifications

12 POS. HYBRID CONNECTOR UNSEALED FOR AMPMCP 1.5 AND 2.8 CONTACTS

English

12 POS. HYBRID CONNECTOR UNSEALED FOR AMPMCP 1.5 AND 2.8 CONTACTS

English