

1897688-2 ✓ ACTIVE

AMP MCP 1.5K, AMP MCP Connector System

TE Internal #: 1897688-2

Housing for Female Terminals, Wire-to-Wire, 18 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Cable Mount (Free-Hanging), Hybrid

[View on TE.com >](#)



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



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

Mating Tab Width: **1.5 mm [ .059 in ]**

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

Number of Positions: **18**

Centerline (Pitch): **4 mm [ .157 in ]**

[All AMP MCP, SEALED CONNECTOR HOUSING \(158\)](#)

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	18
Number of Rows	3

### Body Features

Cable Exit Angle	180°
Body Material	PBT GF



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

Mounting Feature	Without
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Terminal Position Assurance	No
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Strain Relief	Without
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Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Centerline (Pitch)	4 mm[.157 in]
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### Dimensions

Product Width	30.45 mm[1.19 in]
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Product Length	47.2 mm[1.85 in]
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Product Height	29.8 mm[1.17 in]
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Row-to-Row Spacing	4 mm[.157 in]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	90
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Packaging Method	Bag
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### Other

Serviceable	No
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Connector Position Assurance Capable	No
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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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
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 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 # 964972-1  
EINZELLEITERDICHTNG



TE Part # 963531-1  
BLINDSTOPFEN



TE Part # 963530-1  
EINZELLEITERDICHTNG



TE Part # 964971-1  
EINZELLEITERDICHTNG



TE Part # CAT-AM705-T273  
AMP MCP, RECEPTACLE AND TAB



TE Part # 2188336-2  
060 18P SLD HDR ASSY

Also in the Series | **AMP MCP 1.5K**



Automotive Connector Caps & Covers (1)



Automotive Housings(103)

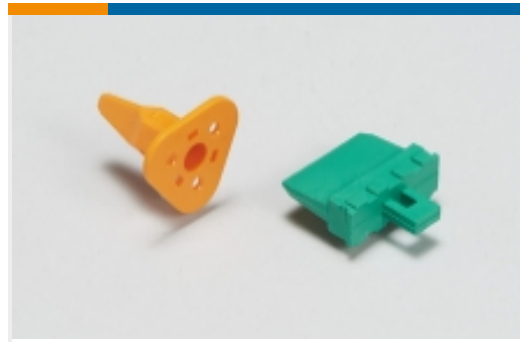


Insertion & Extraction Tools(1)

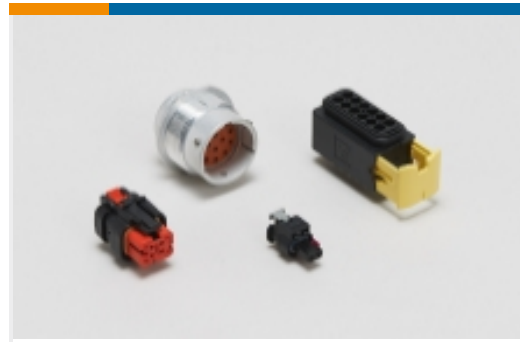
## Also in the Series | AMP MCP Connector System



Automotive Connector Caps & Covers (24)



Automotive Connector Locks & Position Assurance(7)



Automotive Housings(352)



Automotive Seals & Cavity Plugs(6)



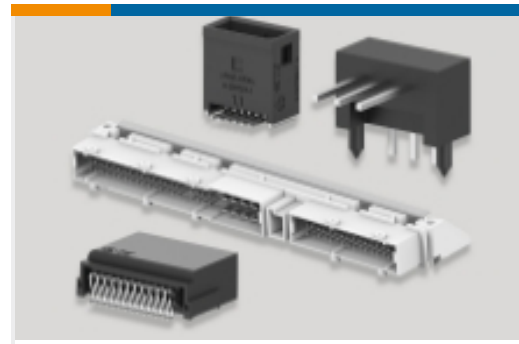
Automotive Terminals(125)



Insertion & Extraction Tools(13)



Other Automotive Connector Accessories(2)



PCB Headers & Receptacles(29)

## Customers Also Bought



TE Part #1-1743632-2  
HYB SLD 36P PLUG ASSY



TE Part #1897726-2  
MCP 1.5 SLD 10P PLUG ASSY



TE Part #2005088-1  
TH/.025 CONNECTOR SYSTEM,  
HOUSING



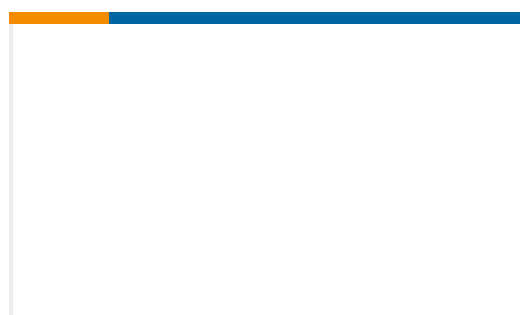
TE Part #936154-2  
090III 22P CAP ASSY BLACK



TE Part #006977P006  
FL2500-NO.0-I7-0-27MM



TE Part #926845P006  
FL2500-NO.3-J1-0-27MM



TE Part #2819151-3  
RING TONGUE TRMNL,M8



TE Part #2338464-3  
COAX CABLE ASSY GMI700,  
E23009800



## Documents

### Product Drawings

[MCP 1.5 SLD 18P ASS'Y](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1897688-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1897688-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1897688-2\\_B.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