

1897543-2 ✓ ACTIVE

## AMP MCP Connector System, MQS

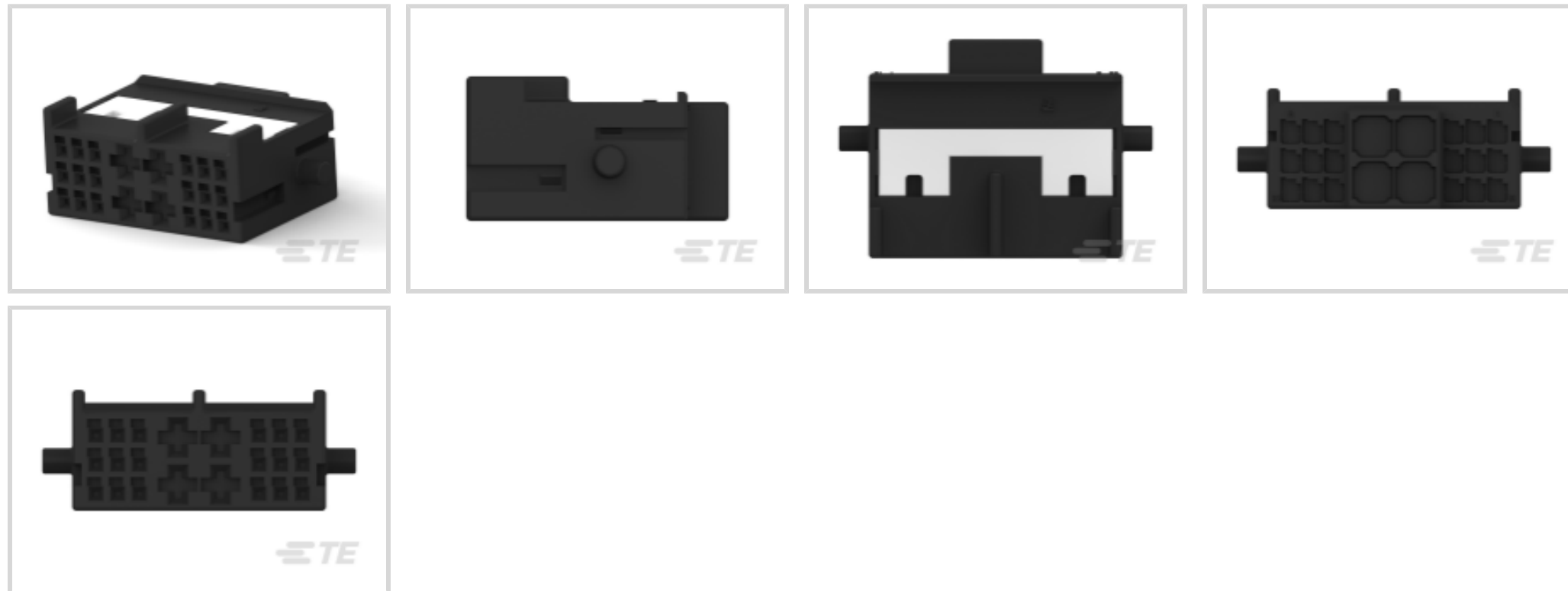
TE Internal #: 1897543-2

Housing for Female Terminals, Wire-to-Wire, 22 Position, 1 in [2.54 mm] Centerline, Black, Wire & Cable, Power & Signal, 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: **.63 mm [ .25 in ]**

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

Number of Positions: **22**

Centerline (Pitch): **2.54 mm [ 1 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	No
Hybrid Connector	Yes
Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Blank Cavity Position	0
Number of Positions	22
Number of Rows	3

#### Electrical Characteristics

Operating Voltage	800 VAC
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### Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black

### Contact Features

Contact Size	.64mm, 2.8mm
Contact Type	Receptacle
Mating Tab Width	.63 mm[.25 in]
Contact Current Rating (Max)	1 A

### Mechanical Attachment

Mating Alignment Type	Polarization Rib
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Centerline (Pitch)	2.54 mm[1 in]
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### Dimensions

Product Width	36.7 mm[14.44 in]
Product Length	25.6 mm[10.07 in]
Product Height	14.1 mm[5.55 in]
Row-to-Row Spacing	2.75 mm[1.08 in]

### Usage Conditions

Operating Temperature (Max)	85 °C
Operating Temperature Range	-40 – 125 °C

### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

Agency/Standard	GMW3191
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### Packaging Features

Packaging Quantity	500
Packaging Method	Bag

### Other

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Serviceable	No
Connector Position Assurance Capable	No

### 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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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



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)



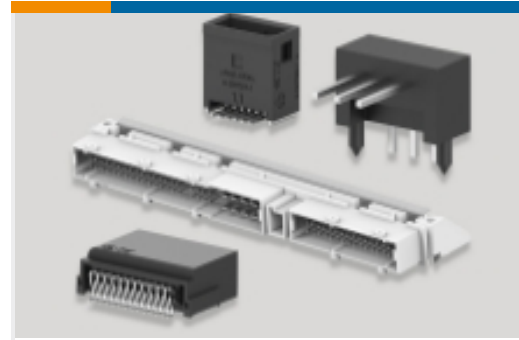
Automotive Terminals (125)



Insertion & Extraction Tools (13)



Other Automotive Connector Accessories (2)



PCB Headers & Receptacles (29)

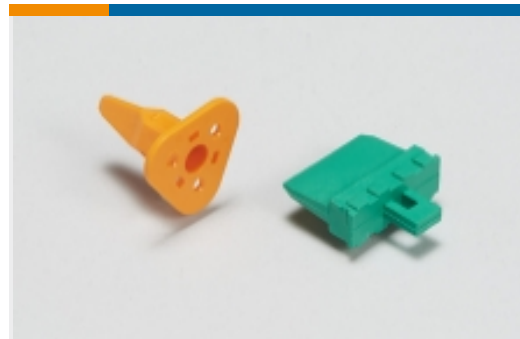
## Also in the Series **MQS**



Automotive Connector Caps & Covers (132)



Automotive Connector EMC Shielding (2)



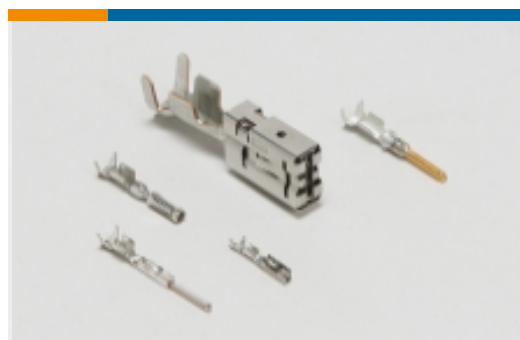
Automotive Connector Locks & Position Assurance (29)



Automotive Housings (489)



Automotive Seals & Cavity Plugs (26)



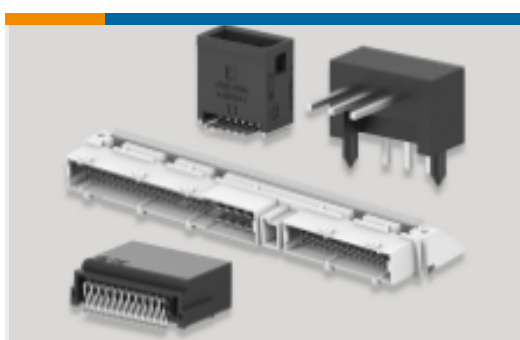
Automotive Terminals (96)



Insertion & Extraction Tools (42)

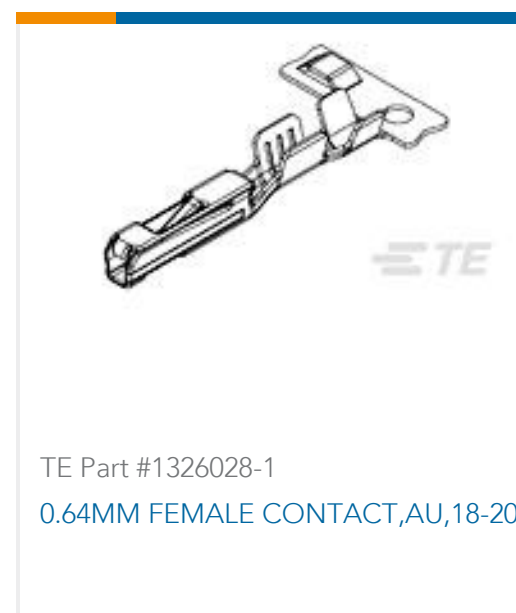
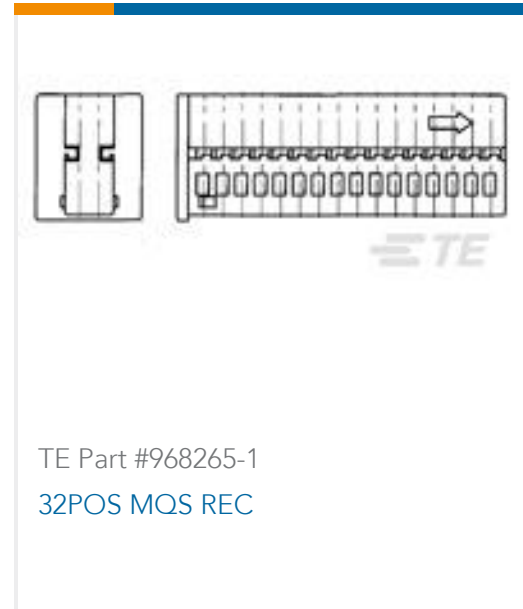


Other Automotive Connector Accessories (13)



PCB Headers & Receptacles (207)

## Customers Also Bought



## Documents

### Product Drawings

#### 22POS MIXED MQS REC

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1897543-2\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1897543-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1897543-2\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Product Specifications

#### MQS MCP HYB 22P

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

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Housing for Female Terminals, Wire-to-Wire, 22 Position, 1 in [2.54 mm] Centerline,  
Black, Wire & Cable, Power & Signal, Hybrid



English