

1241765-2  ACTIVE

AMP | MQS

TE Internal #: 1241765-2

Housing for Female Terminals, Wire-to-Board, 16 Position, .1 in [2.54 mm] Centerline, Black, Wire & Cable, Signal, Cable Mount (Free-Hanging), MQS

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Connectors > Automotive Connectors > Automotive Housings > MQS, CONNECTOR HOUSING



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

Number of Positions: **16**

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

Centerline (Pitch): **2.54 mm [.1 in]**

Sealable: **No**

[All MQS, CONNECTOR HOUSING \(435\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Board
Connector & Housing Type	Housing for Female Terminals
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Number of Positions	16
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### Electrical Characteristics

Nominal Voltage Architecture	24 V
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### Body Features

Cable Exit Angle	180°
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Primary Product Color	Black
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#### Contact Features

Contact Size	2.8mm
Contact Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Contact Current Rating (Max)	6 A

#### Mechanical Attachment

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

#### Housing Features

Housing Material	PA GF
Centerline (Pitch)	2.54 mm[.1 in]

#### Dimensions

Row-to-Row Spacing	5.5 mm[.216 in]
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#### Usage Conditions

Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 - 130 °C[-40 - 26 °F]

#### Operation/Application

Circuit Application	Signal
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#### Packaging Features

Packaging Quantity	400
Packaging Method	Bag

#### Other

Serviceable	No
Connector Position Assurance Capable	No

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
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

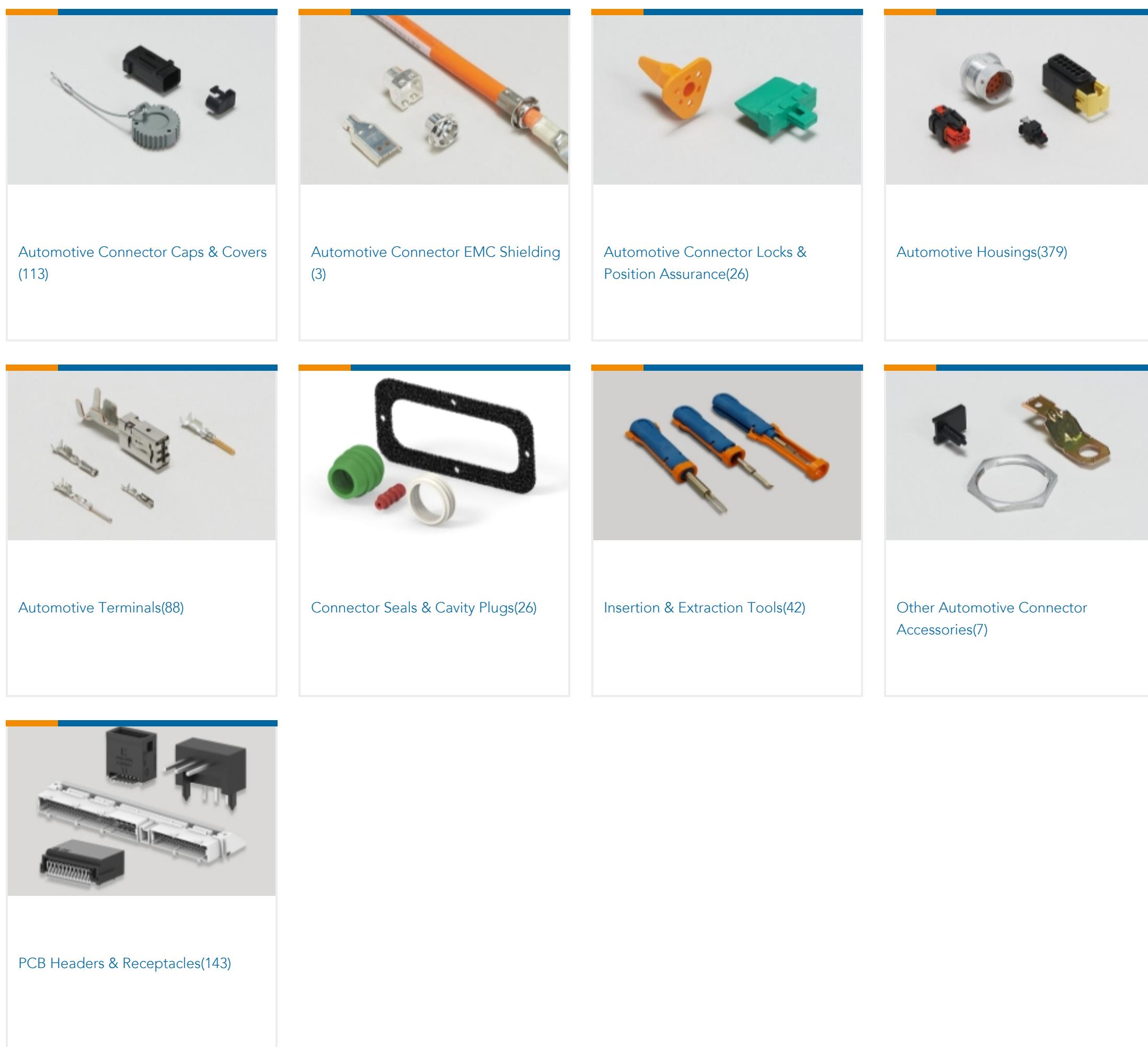
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-DCH2623 Data Connectivity Header	TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING	TE Part # 2-1355524-3 MQS ABDECKKAPPE 12P	TE Part # CAT-M8793-T273 MQS, RECEPTACLE AND TAB
			
TE Part # CAT-LMPH9507 Low & Medium Power Header	TE Part # 1718228-2 COVER FOR MQS SOCKET HSG., 12POSN.	TE Part # 1718228-1 COVER FOR MQS SOCKET HSG., 12POSN.	TE Part # 1823373-1 16POS,TAB 2.8X0.8,TAB HSG

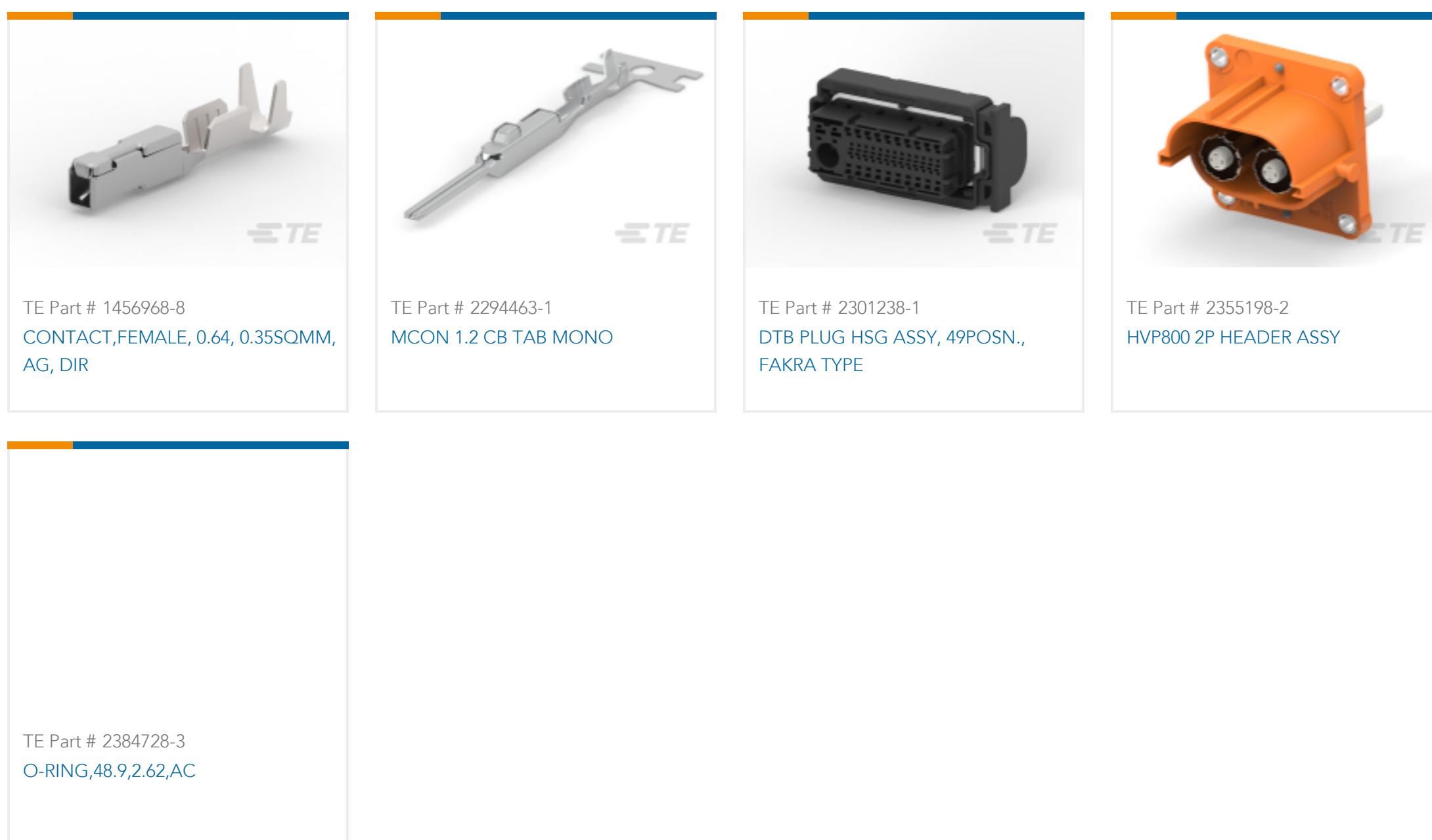


## Also in the Series | MQS



## Customers Also Bought





## Documents

### Product Drawings

#### 16POS MIXED MQS REC

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1241765-2\\_F.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

### Datasheets & Catalog Pages

#### Micro Quadlok Interconnection System (MQS)

English

### Product Specifications

#### Connector with optical contacts (MOST) and electrical contacts

English

### Application Specification

English

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