



MQS

TE Internal #: 1241608-1  
Automotive Terminals, Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .63 mm [.024 in], 18 - 15 AWG Wire Size, MQS  
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Terminals & Splices > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**  
Mating Tab Width: **1.5 mm [ .059 in ]**  
Mating Tab Thickness: **.63 mm [ .024 in ]**  
Terminal Transmits: **0 - 24 A (Low Power)**  
Wire Size: **18 - 15 AWG**

[All MQS, RECEPTACLE AND TAB \(108\)](#)

Features

Product Type Features

|                         |            |
|-------------------------|------------|
| Receptacle Style        | 180°       |
| Sealable                | No         |
| Primary Locking Feature | Clean Body |

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Contact Size                                   | 1.5mm            |
| Contact Fabrication                            | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin              |
| Typical Current Rating                         | 7.5 A            |
| Crimp Type                                     | F-Crimp          |
| Terminal Type                                  | Receptacle       |
| Mating Tab Width                               | 1.5 mm[.059 in]  |
| Mating Tab Thickness                           | .63 mm[.024 in]  |
| Interface Plating                              | Tin (Sn)         |

Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
| Product Terminates To              | Wire  |



Dimensions

|                                      |                                |
|--------------------------------------|--------------------------------|
| Compatible Insulation Diameter Range | 1.7 - 2.4 mm[.067 - .094 in]   |
| Wire Size                            | .75 - 1.5 mm²                  |
| Wire Size Search                     | 15 AWG, 16 AWG, 17 AWG, 18 AWG |

Usage Conditions

|                             |                                                                                                             |
|-----------------------------|-------------------------------------------------------------------------------------------------------------|
| Insulation Option           | Uninsulated                                                                                                 |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 - 120 °C[-40 - 248 °F]                                                                                  |

Operation/Application

|                                    |        |
|------------------------------------|--------|
| Compatible With Wire Base Material | Copper |
|------------------------------------|--------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 8500 |
| Packaging Method   | Reel |

Other

|                    |                      |
|--------------------|----------------------|
| Terminal Transmits | 0 - 24 A (Low Power) |
|--------------------|----------------------|

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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>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                                                                                  |

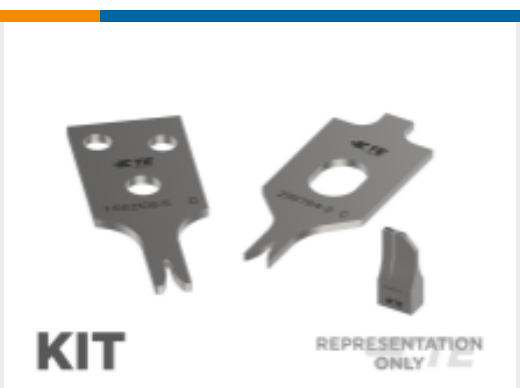
Product Compliance Disclaimer

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

|                                                                                                                                                       |                                                                                                                                                              |                                                                                                                                                          |                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-M8793-CH8172<br/>MQS, CONNECTOR HOUSING</p>       |  <p>TE Part # 6-1579007-0<br/>EXTRACTION TOOL</p>                         |  <p>TE Part # 1-1579018-4<br/>EXTRACTION TOOL</p>                    |  <p>TE Part # 2209544-9<br/>60P, PLUG ASSY, NORMAL CODING</p> |
|  <p>TE Part # 2209545-1<br/>94P, MQS CB, REC HSG, ASSY, SEALED</p> |  <p>TE Part # 2151066-1<br/>OCEAN_2.0_APPLICATOR-S-080F100O-RSM</p>      |  <p>TE Part # 2151066-2<br/>OCEAN_2.0_APPLICATOR-S-080F100O-RSA</p> |  <p>TE Part # 2208277-3<br/>60POS MQS REC SEALED</p>         |
|  <p>TE Part # 2209544-1<br/>60P, MQS CB, REC HSG, ASSY, SEALED</p> |  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p> |  <p>TE Part # 7-2151066-7<br/>OCEAN_2.0_SPARE_PART_KIT-080F100O</p> |  <p>TE Part # 9-2289227-1<br/>CONNECTOR, 60POS</p>           |
|  <p>TE Part # 9-2289228-1<br/>CONNECTOR, 94POS</p>                 |  <p>TE Part # 7-1893681-1<br/>KIT FOR MINI APPLICATOR</p>                |  <p>TE Part # 7-2151066-2<br/>OCEAN_2.0_APPLICATOR-S-080F100O</p>   |  <p>TE Part # 3-2289228-1<br/>CONNECTOR, 94POS</p>           |





TE Part # 7-2289227-1  
CONNECTOR, 60POS

TE Part # 7-2289228-1  
CONNECTOR, 94POS

Also in the Series | MQS

Automotive Connector Caps & Covers  
(113)

Automotive Connector EMC Shielding  
(3)

Automotive Connector Locks & Position Assurance(26)

Automotive Housings(379)

Automotive Terminals(88)

Connector Seals & Cavity Plugs(26)

Insertion & Extraction Tools(42)

Other Automotive Connector Accessories(7)

PCB Headers & Receptacles(143)

Customers Also Bought

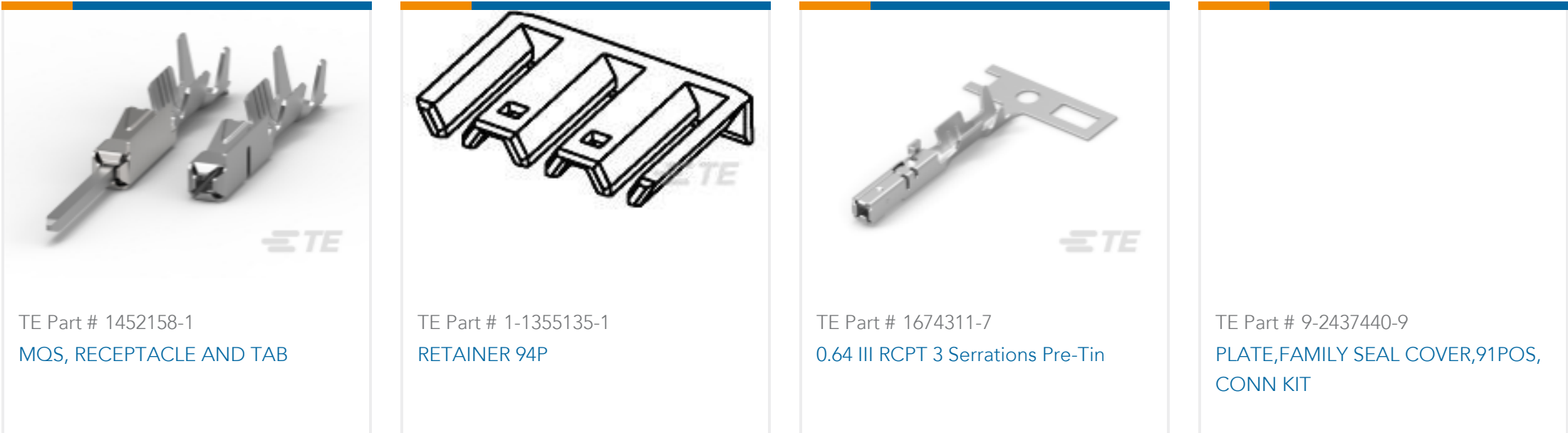
TE Part # 3-1355136-3  
MQS1,5AUFNAHMGEH94P

TE Part # 1-1355134-1  
RETAINER 94P

TE Part # 170454-2  
PL 250 AM REC 18-14 0.40 X 21 PRE-TPBR

TE Part # 1241394-1  
AMP MCP, RECEPTACLE AND TAB





Documents

Product Drawings

MQS1,5 Sn rec CB unseal. 0,75-1,5

English

MQS1,5 Sn rec CB unseal. 0,75-1,5

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1241608-1\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241608-1\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1241608-1\_C.3d\_stp.zip

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

Application Specification

English

Application Specification

English

Application Specification

German