



**MQS**

TE Internal #: 1452158-1

Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .63 mm [.024 in], 22 – 20 AWG Wire Size, .35 – .5 mm<sup>2</sup> Wire Size, Automotive Terminals

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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: 22 – 20 AWG

[All MQS, RECEPTACLE AND TAB \(98\)](#)

**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	1.1 – 1.6 mm [.043 – .062 in]
Wire Size	.35 – .5 mm <sup>2</sup>
Wire Size Search	20 AWG, 21 AWG, 22 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
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### Packaging Features

Packaging Quantity	12000
Packaging Method	Reel

### Other

Terminal Transmits	0 – 24 A (Low Power)
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### 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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-M8793-CH8172  
MQS, CONNECTOR HOUSING



TE Part # 6-1579007-0  
EXTRACTION TOOL



TE Part # 1-1579018-4  
EXTRACTION TOOL



TE Part # 2151252-1  
OCEAN\_2.0\_APPLICATOR-S-055F080O-RSM



TE Part # 2151252-2  
OCEAN\_2.0\_APPLICATOR-S-055F080O-RSA



TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 5-2151252-1  
OCEAN\_2.0\_APPLICATOR-S-055F080O-RSM



TE Part # 5-2151252-2  
OCEAN\_2.0\_APPLICATOR-S-055F080O-RSA



**KIT**  
REPRESENTATION ONLY

TE Part # 7-2151252-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F080O

## Customers Also Bought



TE Part #284742-1  
60 POS CONN + COVER AND CPS KI



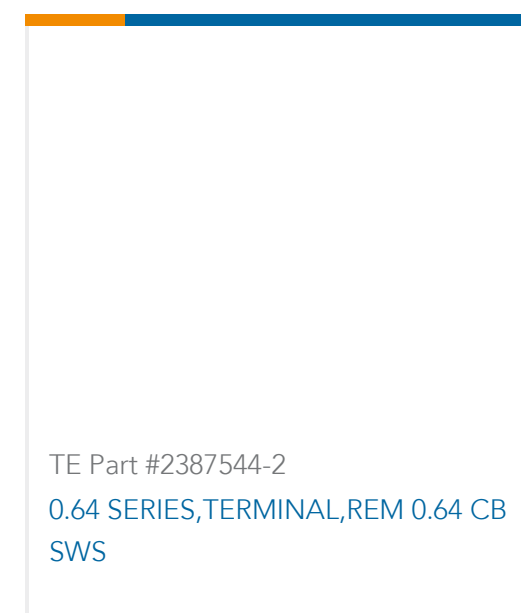
TE Part #170258-2  
FF 250 REC 14-12AWG TPBR REREELING



TE Part #2-927770-1  
TIMER, RECEPTACLE AND TAB



TE Part #1241396-1  
AMP MCP 2.8K, CONTACT, SWS



## Documents

### Product Drawings

[MQS1,5 Sn rec CB unseal. 0,35-0,5](#)

English

[MQS1,5 Sn rec CB unseal. 0,35-0,5](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1452158-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1452158-1\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1452158-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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

### Product Specifications

[Application Specification](#)

German

[Application Specification](#)

English

[Application Specification](#)

English