



AMP | MQS

TE Internal #: 969084-1

Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .025 in [.63 mm], 24 – 20 AWG Wire Size, .2 – .5 mm<sup>2</sup> Wire Size, MQS

[View on TE.com >](#)

Terminals & Splices > Automotive Terminals > MQS, RECEPTACLE AND TAB



Terminal Type: **Receptacle**

Mating Tab Width: **.63 mm [.025 in]**

Mating Tab Thickness: **.63 mm [.025 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **24 – 20 AWG**

[All MQS, RECEPTACLE AND TAB \(125\)](#)

**Features**

**Product Type Features**

Sealable	No
Primary Locking Feature	Locking Lance

**Contact Features**

Contact Size	.63mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	5 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	.63 mm[.025 in]
Mating Tab Thickness	.63 mm[.025 in]
Interface Plating	Tin (Sn)

**Termination Features**

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

**Dimensions**

Wire Size	.2 – .5 mm <sup>2</sup>
Wire Size Search	20 AWG, 21 AWG, 22 AWG, 23 AWG, 24



AWG

Wire Insulation Diameter	1.15 – 1.6 mm [.045 – .063 in]
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### 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]
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### Operation/Application

Compatible With Wire Base Material	Copper
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### Packaging Features

Packaging Method	Reel
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Packaging Quantity	10000
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### 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
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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
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 6-1579007-1  
EXTRACTION TOOL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 2-2151648-1  
OC-PA-S-FM-050F062F-001-0067



TE Part # 2-2151648-2  
OC-PA-S-FA-050F062F-001-0067



TE Part # 2151648-1  
OC-AT-S-FM-050F062F-001-0067




TE Part # 2151648-2  
OC-AT-S-FA-050F-062F-001-0067



TE Part # 7-2151648-7  
OC-050F062F-CRIMP TOOLING KIT

## 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



TE Part #1-2840575-1  
PCON12,TERMINAL,FAM SLD/UNSLD



TE Part #4367790007  
ES-CAP-NO.2-B9-0-50MM



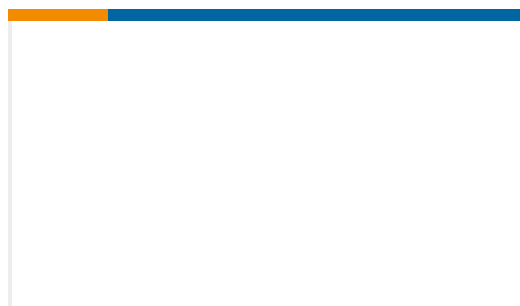
TE Part #1-2339268-1  
TPA REC HSG,1POS,PCON21



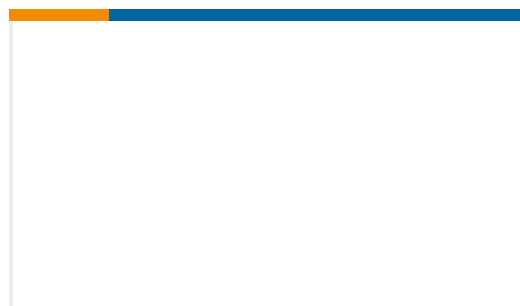
TE Part #2098633-2  
40P Shield Assy, GY LAC



TE Part #2339309-1  
COVER,SNGL WIRE, AC



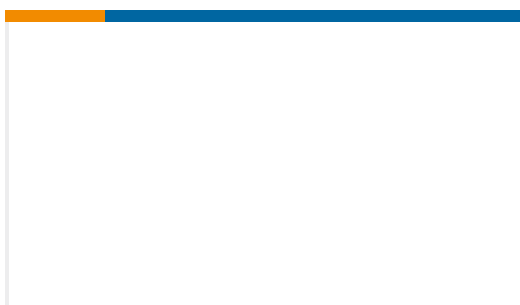
TE Part #2340323-1  
COVER,COMBO GROUND PIN



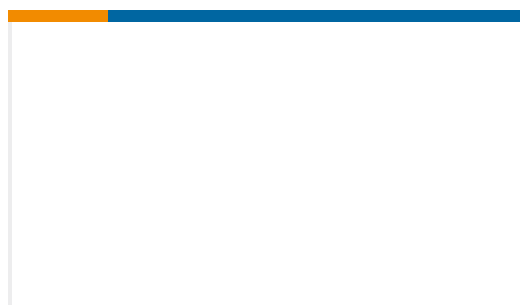
TE Part #2340458-3  
COLLET,1POS,PCON21,REC HSG,70 MM2



TE Part #2354131-1  
SEAL RETAINER,HC-STAK 25,CABLE, SIZE 3



TE Part #2840703-1  
HOUSING ASSEMBLY, SAE-IEC TYPE 1



TE Part #2840845-3  
COVER,DC,COMBO, SEAL

## Documents

### Product Drawings

[MQS0,63 Sn rec LL unseal. 0,2-0,5](#)

English

### CAD Files

[3D PDF](#)

[3D](#)

### Customer View Model

[ENG\\_CVM\\_CVM\\_969084-1\\_B.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_969084-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_969084-1\\_B.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

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## Product Specifications

[Application Specification](#)

German