



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 \(125\)](#)

Features

Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

Contact Features

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)
Contact Termination Area Plating Material	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Wire Size	.35 – .5 mm ²
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Wire Size Search	20 AWG, 21 AWG, 22 AWG
Wire Insulation Diameter	1.1 – 1.6 mm[.043 – .062 in]

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 Method	Reel
Packaging Quantity	12000

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

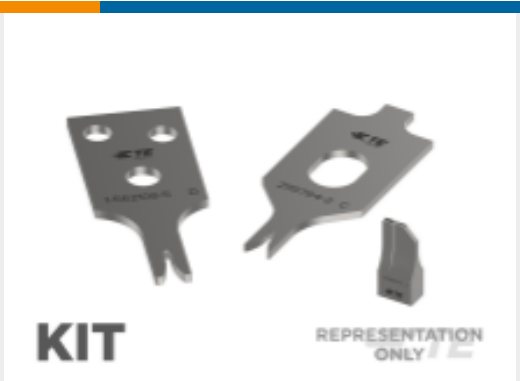
Product Compliance Disclaimer

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

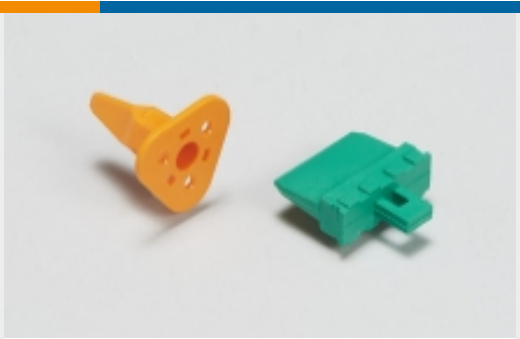


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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 # 6-1579007-0 EXTRACTION TOOL	 TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED	 TE Part # CAT-M8793-CH8172 MQS, CONNECTOR HOUSING	 TE Part # 1-1579018-4 EXTRACTION TOOL
 TE Part # 2-2151252-1 OCEAN_2.0_APPLICATOR-S-055F080O	 TE Part # 2-2151252-2 OCEAN_2.0_APPLICATOR-S-055F080OA	 TE Part # 2151252-1 OCEAN_2.0_APPLICATOR-S-055F080O	 TE Part # 2151252-2 OCEAN_2.0_APPLICATOR-S-055F080OA
 TE Part # 7-2151252-1 OCEAN_2.0_APPLICATOR-S-055F080O	 TE Part # 7-2151252-2 OCEAN_2.0_APPLICATOR-S-055F080OA	 TE Part # 7-2151252-7 OCEAN_2.0_SPARE_PART_KIT-055F080O	

Also in the Series | MQS

 Automotive Connector Caps & Covers (131)	 Automotive Connector EMC Shielding (2)	 Automotive Connector Locks & Position Assurance(29)	 Automotive Housings(489)
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Automotive Seals & Cavity Plugs(26)



Automotive Terminals(96)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(13)



PCB Headers & Receptacles(206)

Customers Also Bought



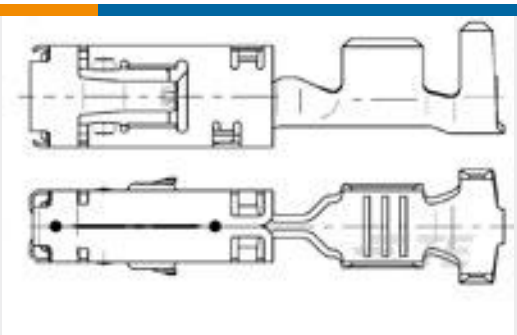
TE Part #1544551-1
CONNECTOR 5V 6.35



TE Part #2103346-2
HVA280 2 Bay Header Sub-Assy, KEY D, F



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



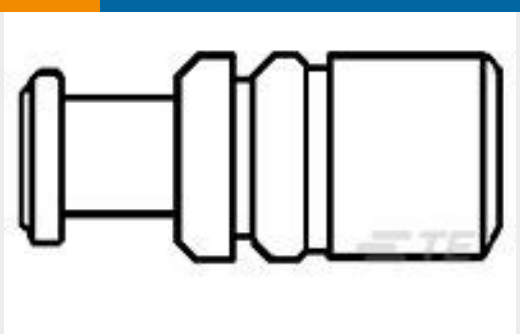
TE Part #967542-2
SENS FLA-KONT 2,8



TE Part #1241608-1
MQS1,5 Sn rec CB unseal. 0,75-1,5



TE Part #2278584-2
67 POS,MIXED,REC HSG,ASSY, SEALED TYPE45



TE Part #316867-1
.060 RUBBER PLUG S LIGHT GRAY

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.

Datasheets & Catalog Pages

Micro Quadlok Interconnection System (MQS)

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English