

1418887-1 ✓ ACTIVE

AMP | MQS

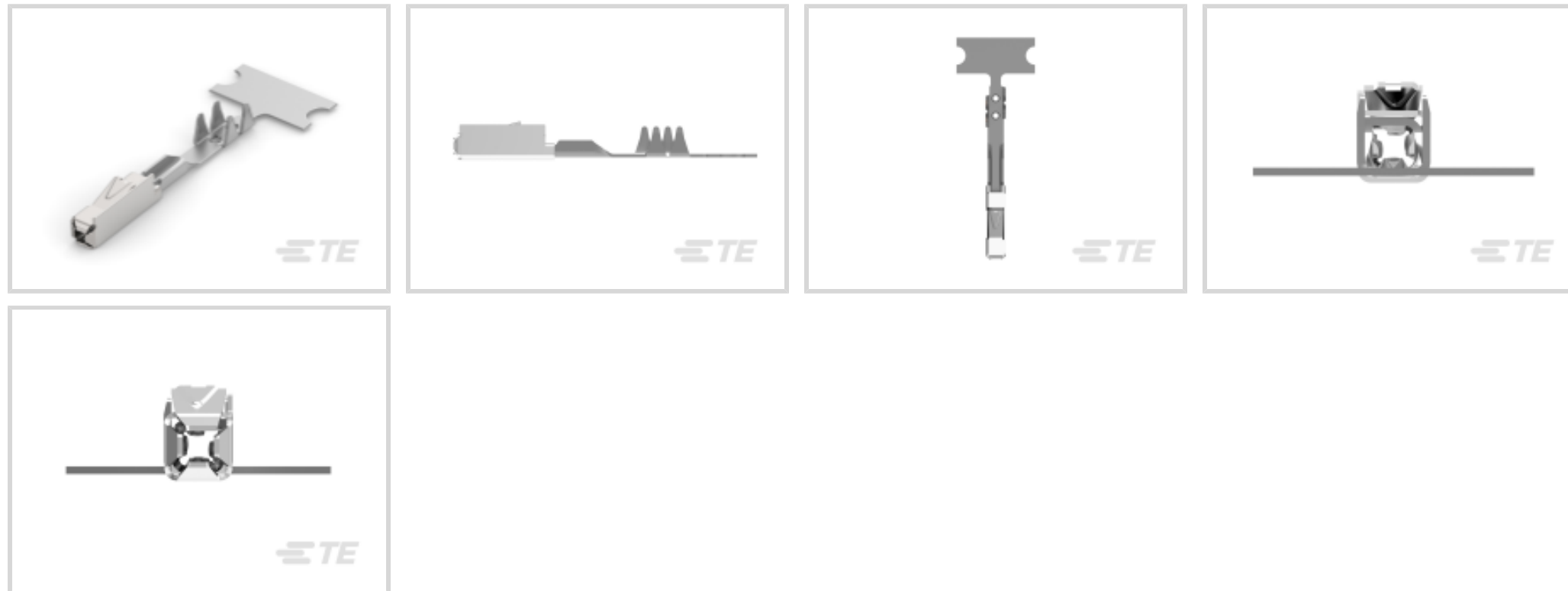
TE Internal #: 1418887-1

Automotive Terminals, Receptacle, Mating Tab Width .63 mm [.025 in], Tab Thickness .63 mm [.025 in], Tin (Sn) Interface Plating, 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)**

Sealable: **No**

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

Features

Product Type Features

| | |
|-------------------------|---------------|
| Receptacle Style | 180° |
| Sealable | No |
| Primary Locking Feature | Locking Lance |

Contact Features

| | |
|--|------------------|
| Contact Size | .63mm |
| Contact Fabrication | Stamped & Formed |
| Wire Contact Termination Area Plating Material | Tin |
| Typical Current Rating | 7.5 A |
| Crimp Type | FFC |
| 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

| | |
|--------------------------------------|---------------|
| Compatible Insulation Diameter Range | .2 mm[.01 in] |
|--------------------------------------|---------------|

Usage Conditions

| | |
|-----------------------------|--|
| Insulation Option | Uninsulated |
| Operating Temperature (Max) | 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C, 145 °C, 150 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F][293 °F][302 °F] |
| Operating Temperature Range | -40 – 150 °C[-40 – 302 °F] |

Operation/Application

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

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 12500 |
| 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-528013-1
FFC PISTOL GRIP HAND TOOL CASE



TE Part # 5-528441-3
FFC APPLICATOR MQS TERMINALS

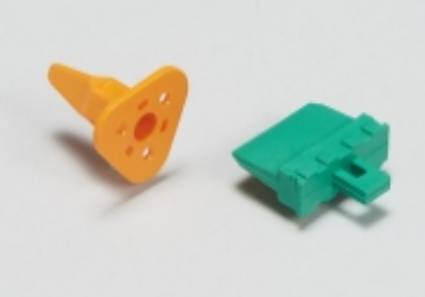
Also in the Series | MQS




Automotive Connector Caps & Covers (111)




Automotive Connector EMC Shielding (3)




Automotive Connector Locks & Position Assurance(27)




Automotive Housings(375)




Automotive Terminals(88)



Connector Seals & Cavity Plugs(26)



Insertion & Extraction Tools(42)



Other Automotive Connector Accessories(7)



PCB Headers & Receptacles(143)

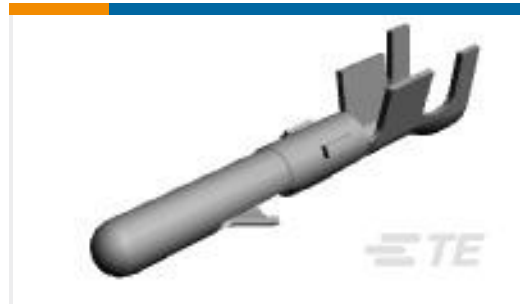
Customers Also Bought



TE Part #487526-1
002 HOUSING FFC RCPT 100CL SR



TE Part #173977-6
AMP COMMON TERMINATION HOUSINGS



TE Part #60618-4
CMNL PIN PTPPHBZL/P



TE Part #1452128-1
MQS0,63 Sn tab LL unseal. FFC



TE Part #5052846076
RNF-100-3/64-0-45MM



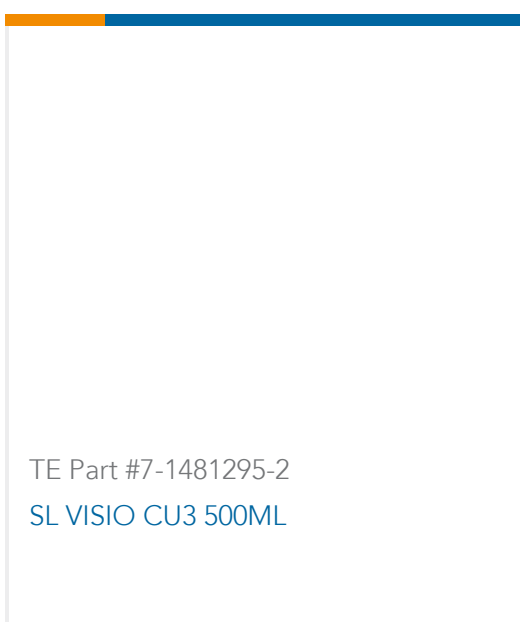
TE Part #6-523724-5
FRONT DIE CUT OFF



TE Part #2-523724-8
FFC-CRIMPER



TE Part #2-523724-9
BLOCK DIE CUT OFF



TE Part #7-1481295-2
SL VISIO CU3 500ML

Documents

Product Drawings

[MQS0,63 Sn rec LL unseal. FFC](#)

English

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1418887-1_A_c-1418887-1-a.2d_dxf.zip](#)



English

Customer View Model

[ENG_CVM_CVM_1418887-1_A_c-1418887-1-a.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1418887-1_A_c-1418887-1-a.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