

1241601-2 ✓ ACTIVE

AMP | Power Quadlock

TE Internal #: 1241601-2

Automotive Terminals, Receptacle, Mating Tab Width 5.2 mm [.205 in], Tab Thickness .025 in [.63 mm], 16 – 13 AWG Wire Size, Power Quadlock

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



Terminal Type: **Receptacle**

Mating Tab Width: 5.2 mm [.205 in]

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

Terminal Transmits: 41 – 100 A (High Power)

Wire Size: 16 – 13 AWG

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

## Features

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Contact Size	5.2mm
Contact Fabrication	Stamped & Formed
Typical Current Rating	45 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	5.2 mm[.205 in]
Mating Tab Thickness	.63 mm[.025 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	1.25 – 2.5 mm <sup>2</sup>
Wire Size Search	13 AWG, 14 AWG, 15 AWG, 16 AWG
Wire Insulation Diameter	1.9 – 3 mm [.075 – .118 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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### Industry Standards

Agency/Standard	LV214
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	2500

### Other

Terminal Transmits	41 – 100 A (High Power)
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### Product Compliance


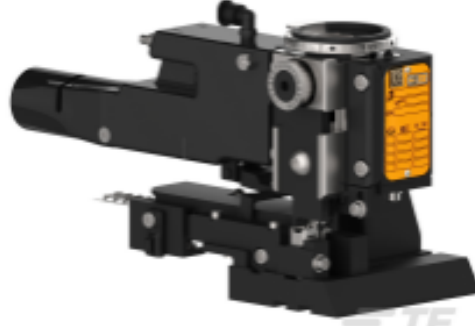



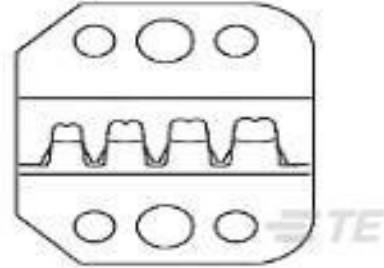


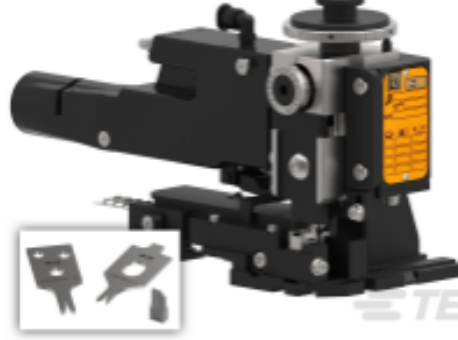

[For compliance documentation, visit the product page on TE.com>](#)

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

 <p>TE Part # 2305570-1 TERMINAL CUTTER, SIDE FEED</p>	 <p>TE Part # 2-2151047-1 OCEAN_2.0_APPLICATOR-S-100F1400</p>	 <p>TE Part # 2-2151047-2 OCEAN_2.0_APPLICATOR-S-100F1400</p>	 <p>TE Part # 2151047-1 OCEAN_2.0_APPLICATOR-S-100F1400</p>
 <p>TE Part # 2151047-2 OCEAN_2.0_APPLICATOR-S-100F1400</p>	 <p>TE Part # 58593-1 PROCRIMP PQ</p>	 <p>TE Part # 58593-2 PROCRIMP DIE PQ</p>	 <p>TE Part # 6-1579007-4 EXTRACTION TOOL</p>
 <p>TE Part # 7-2151047-1 OCEAN_2.0_APPLICATOR-S-100F1400</p>	 <p>TE Part # 7-2151047-2 OCEAN_2.0_APPLICATOR-S-100F1400</p>	 <p><b>KIT</b> REPRESENTATION ONLY</p> <p>TE Part # 7-2151047-7 OCEAN_2.0_SPARE_PART_KIT-100F1400</p>	

Also in the Series | **Power Quadlock**

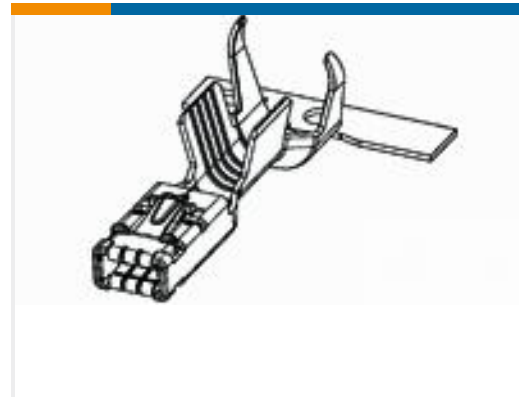


Automotive Terminals(9)



Insertion &amp; Extraction Tools(1)

## Customers Also Bought

TE Part #2050994-1  
JPT 3POS SEALED PLUG ASSYTE Part #1-1355877-1  
AMP MCP, RECEPTACLE AND TABTE Part #968072-2  
MQS, RECEPTACLE AND TABTE Part #1670802-1  
MCON 2.8 TERMINAL - LLTE Part #2035334-4  
Contact,female0.64, 18 AWGTE Part #929008-2  
MQS1MM BU-KONT 90GRTE Part #1670854-3  
PQ5,2 Ag rec LL unseal. >4,0-6,0

## Documents

### Product Drawings

[PQ5,2 Sn rec LL unseal. >1,0-2,5](#)

English

[PQ5,2 Sn rec LL unseal. >1,0-2,5](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_1241601-2\\_C6.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1241601-2\\_C6.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_1241601-2\\_C6.2d\\_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