

827040-1 ✓ ACTIVE

TE Internal #: 827040-1

Automotive Terminals, Socket, 17 – 13 AWG Wire Size, 1 – 2.5 mm<sup>2</sup>

Wire Size, Tin (Sn) Interface Plating, Terminates To Wire, Tab

Length 20.3 mm [.8 in]

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Terminals & Splices > Automotive Terminals



Terminal Type: **Socket**

Wire Size: **1 – 2.5 mm<sup>2</sup>**

Sealable: **No**

Wire Size Search: **2.5 mm<sup>2</sup>**

## Features

### Product Type Features

Sealable	No
Primary Locking Feature	Locking Lance

### Contact Features

Contact Size	1.36mm
Contact Fabrication	Stamped & Formed
Crimp Type	F-Crimp
Terminal Type	Socket
Interface Plating	Tin (Sn)

### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Dimensions

Wire Size	1 – 2.5 mm <sup>2</sup>
Wire Size Search	13 AWG
Tab Length	20.3 mm [.8 in]



### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C[266 °F]
Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]

### Packaging Features

Packaging Quantity	3750
Packaging Method	Reel

### 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



## Customers Also Bought



## Documents

### Product Drawings

#### WITH SPRING

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_827040-1\\_R1.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_827040-1\\_R1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_827040-1\\_R1.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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Interface Plating, Terminates To Wire, Tab Length 20.3 mm [.8 in]

