

929975-1 ✓ ACTIVE

AMP | Round Connector System

TE Internal #: 929975-1

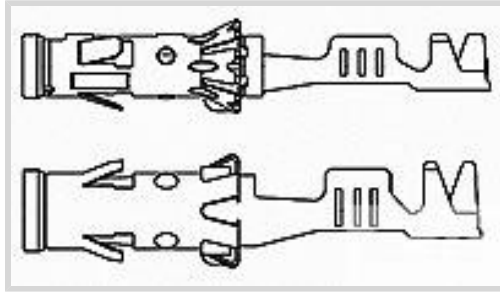
TE Internal Description: BU-KONTAKT 2,5MMD

ROUND CONNECTOR SYSTEM, PIN AND SOCKET

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Terminals & Splices > Automotive, Truck, Bus, & Off-Road Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal & Splice Type: **Socket**

Mating Pin Diameter: 2.5 mm [ .098 in ]

Terminal Transmits: 25 – 40 A (Power)

Wire Size: 1 – 2.5 mm<sup>2</sup>

Wire Size Search: 14 AWG, 15 AWG, 16 AWG, 17 AWG

[All ROUND CONNECTOR SYSTEM, PIN AND SOCKET \(82\)](#)

## Features

### Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Wire Type	Copper

### Contact Features

Typical Current Rating	34 A
Crimp Type	F-Crimp
Terminal & Splice Type	Socket
Mating Pin Diameter	2.5 mm[.098 in]
Interface Plating	Tin (Sn)
Contact Termination Area Plating Material	Tin (Sn)

### Termination Features

Termination Method	Crimp
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### Dimensions

Wire Size	1 – 2.5 mm <sup>2</sup>
Wire Size Search	1 mm <sup>2</sup> , 1.25 mm <sup>2</sup> , 1.3 mm <sup>2</sup> , 1.5 mm <sup>2</sup> , 2 mm <sup>2</sup> , 2.5 mm <sup>2</sup>
Wire Insulation Diameter	2.2 – 3 mm[.086 – .118 in]

### Usage Conditions

Operating Temperature Range	-40 – 130 °C[-40 – 266 °F]
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### Packaging Features

Packaging Method	Reel
Packaging Quantity	3000

### Other

Terminal Transmits	25 – 40 A (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: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.