



Automotive Parts > Automotive Terminals > ROUND CONNECTOR SYSTEM, PIN AND SOCKET



Terminal Type: **Socket**
Interface Plating: **Tin (Sn)**
Primary Locking Feature: **Locking Lance**
Sealable: **No**
Mating Pin Diameter: **2.5 mm [.098 in]**

[All Round Connector System, Pin and Socket \(46\)](#)

Features

Product Type Features

Receptacle Style	180°
Primary Locking Feature	Locking Lance
Sealable	No

Body Features

Terminal Seal Type	Unsealed
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Contact Features

Contact Size	2.5mm
Contact Fabrication	Stamped & Formed
Terminal Type	Socket
Interface Plating	Tin (Sn)
Mating Pin Diameter	2.5 mm[.098 in]

Termination Features

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Termination Method to Wire & Cable	Weld
Product Terminates To	Busbar

Dimensions

Tab Length	18.3 mm[.72 in]
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Usage Conditions

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

Industry Standards

Compatible With Agency/Standards Products	AK
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Packaging Features

Packaging Method	Reel
Packaging Quantity	2500

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 929970-1
SOCKET CONTACT 2,5MMD

Also in the Series | Round Connector System



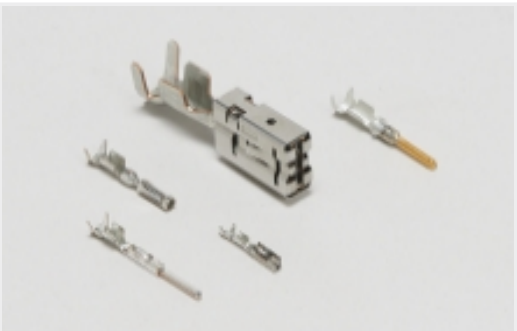
Automotive Connector Caps & Covers
(5)



Automotive Seals & Cavity Plugs(4)



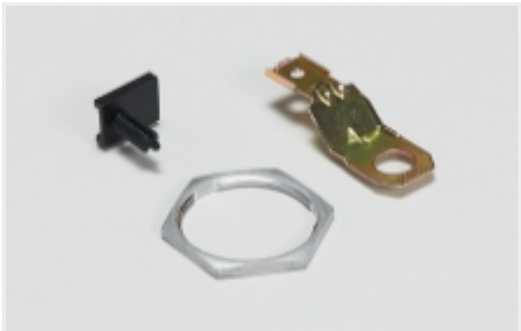
Automotive Signal & Power Connector
Housings(12)



Automotive Terminals(56)



DIN Connectors(3)



Other Automotive Connector
Accessories(31)

Customers Also Bought





TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-D48-ST273
DEUTSCH Solid Contacts



TE Part #DT06-2S
PLG, 2P, GRY, N



TE Part #DT04-2P
REC, 2P, GRY, N



TE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DT



TE Part #281934-2
SINGLE WIRE SEAL



TE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings

DIA 2.5MM CONTACT WITH WELDING FLAG

English

DIA 2.5MM CONTACT WITH WELDING FLAG

German

DIA 2.5MM CONTACT WITH WELDING FLAG

German

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1703021-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1703021-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1703021-1_B.3d_stp.zip

English

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