



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**
Contact Mating Area Plating Material: **Tin**
Wire Contact Termination Area Plating Material: **Pre-Tin**
Operating Voltage: **250 VAC**
Compatible With Wire & Cable Type: **Discrete Wire**

Features

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Mating Square Post Dimension	.6 mm[.024 in]
Contact Length	1.8 mm[.071 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable



Dimensions

Compatible Insulation Diameter Range	1.3 - 1.9 mm[.051 - .075 in]
Wire Size	.2 - .56 mm ²

Usage Conditions

Operating Temperature Range	-55 - 105 °C[-67 - 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	8000
Packaging Method	Reel

Product Compliance

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

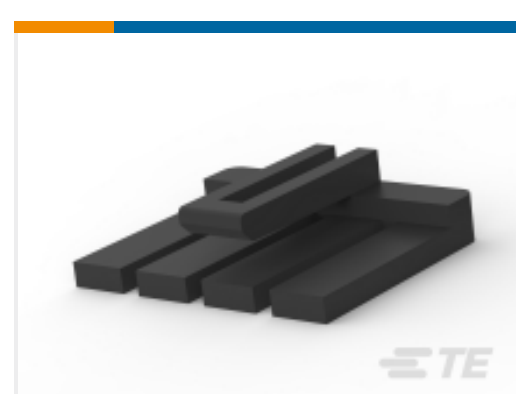
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not 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 # 1969442-9 EP 2.5 TPA Housing, 9 Pos	 TE Part # 1969442-7 EP 2.5 TPA Housing, 7 Pos	 TE Part # 1-1123722-5 3.96 EP PLUG HSG 5P(NATURAL)	 TE Part # 1744417-3 3 POS EP 2.5 HSG, GLOW WIRE
 TE Part # 1969443-9 EP 2.5 TPA Retainer, 9 Pos	 TE Part # 1-1969443-1 EP 2.5 TPA Retainer, 11 Pos	 TE Part # 1969442-6 EP 2.5 TPA Housing, 6 Pos	 TE Part # 1-1969442-1 EP 2.5 TPA Housing, 11 Pos
 TE Part # 1-1123722-3 3.96 EP PLUG HSG 3P(NATURAL)	 TE Part # 1969442-3 EP 2.5 TPA Housing, 3 Pos	 TE Part # 1744417-6 6 POS EP 2.5 HSG, GLOW WIRE	 TE Part # 1969443-7 EP 2.5 TPA Retainer, 7 Pos
 TE Part # 1-1969443-4 EP 2.5 TPA Retainer, 14 Pos	 TE Part # 1969443-3 EP 2.5 TPA Retainer, 3 Pos	 TE Part # 1969443-6 EP 2.5 TPA Retainer, 6 Pos	 TE Part # 1-1969442-4 EP 2.5 TPA Housing, 14 Pos
 TE Part # 1969442-4 EP 2.5 TPA Housing, 4 Pos	 TE Part # 1969442-5 EP 2.5 TPA Housing, 5 Pos	 TE Part # 1-1969443-3 EP 2.5 TPA Retainer, 13 Pos	 TE Part # 1969443-4 EP 2.5 TPA Retainer, 4 Pos

Also in the Series | Economy Power 2.5

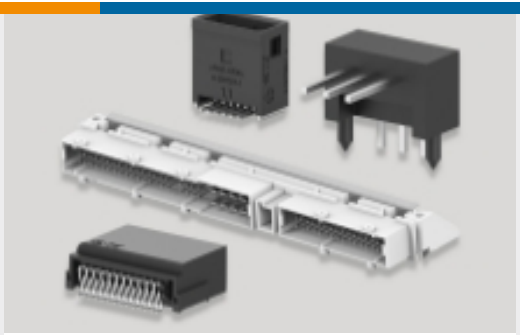




Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(494)



Rectangular Power Connectors(43)



Wire-to-Board Connector Assemblies & Housings(311)

Customers Also Bought



TE Part # 177912-1
POWER D/LOCK CAP HSG 10P NATU.



TE Part # 1969442-7
EP 2.5 TPA Housing, 7 Pos



TE Part # 1744417-3
3 POS EP 2.5 HSG, GLOW WIRE



TE Part # 1744417-6
6 POS EP 2.5 HSG, GLOW WIRE



TE Part # 1969443-7
EP 2.5 TPA Retainer, 7 Pos



TE Part # 1969443-3
EP 2.5 TPA Retainer, 3 Pos



TE Part # 1969442-4
EP 2.5 TPA Housing, 4 Pos



TE Part # 1969443-5
EP 2.5 TPA Retainer, 5 Pos



TE Part # 177921-1
POWER D/LOCK PLATE 5P NATURAL

Documents



Product Drawings

EP 2.5 RCPT CONTACT, 24-20 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744423-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744423-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744423-1_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English