



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

Features

Product Type Features

Applied Pressure	Low
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Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Mating Area Plating Material Thickness	.4 – 3.5 µm[15.74 – 137.79 µin]
Mating Square Post Dimension	.6 mm[.023 in]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Length	1.8 mm[.071 in]
Wire Contact Termination Area Plating Thickness	.4 – 3.5 µm
Contact Mating Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With



Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	4.5 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	1.3 – 1.91 mm[.051 – .075 in]
Wire Size	.13 – .36 mm²

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>

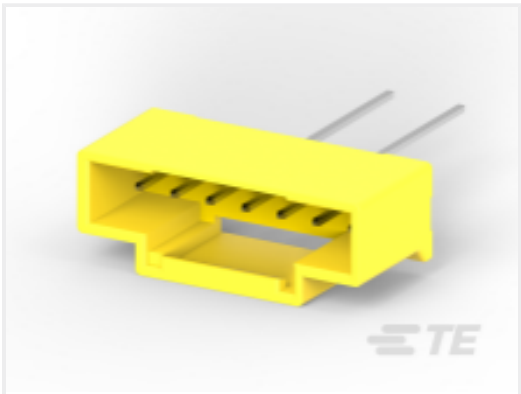
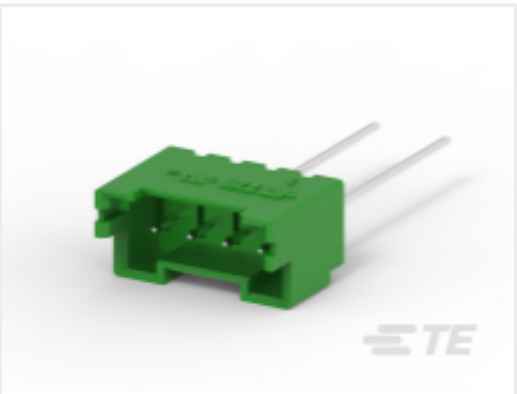
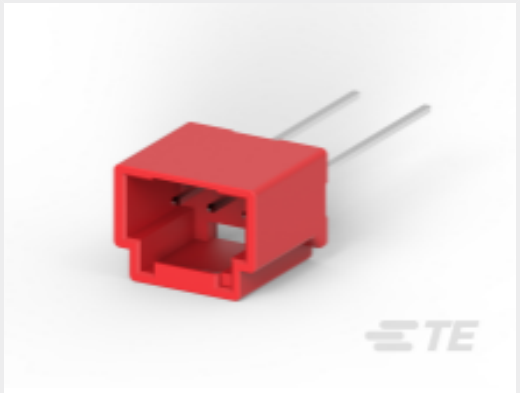
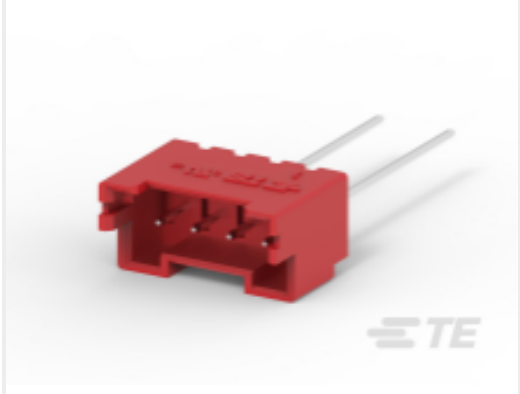
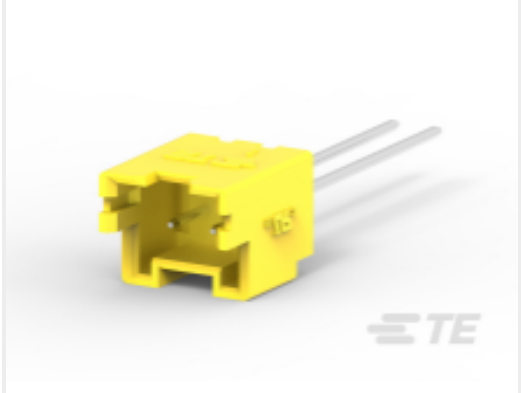
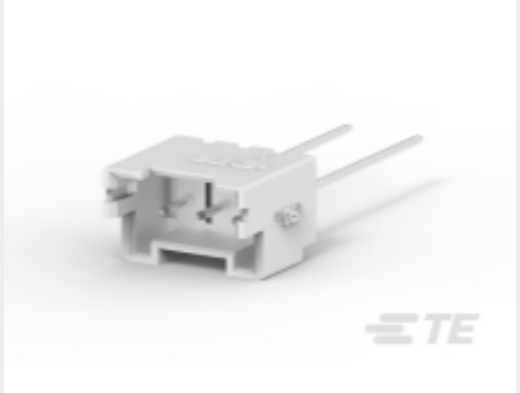
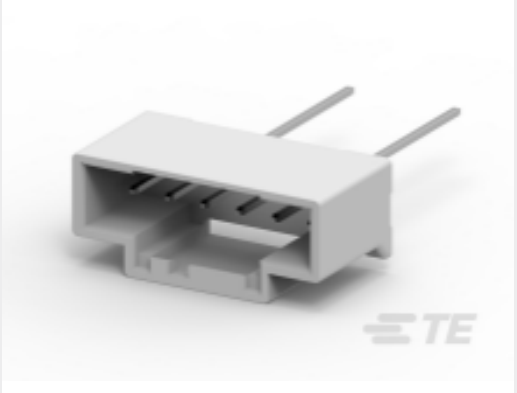
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 reviewed 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 # 8-2232546-1 GI2.5 HDR ASS 8P NC NO BOSS TAPE	 TE Part # 7-2232546-4 GI2.5 HDR ASS 7P YEL NO BOSS TAPE	 TE Part # 7-2232546-5 GI2.5 HDR ASS 7P BLK NO BOSS TAPE	 TE Part # 5-2299683-4 EP2.5 HDR 4P VERT W/O BOSS, TAPING, GREEN
 TE Part # 5-2299683-7 EP2.5 HDR 7P VERT W/O BOSS, TAPING, GREEN	 TE Part # 5-2299683-2 EP2.5 HDR 2P VERT W/O BOSS, TAPING, GREEN	 TE Part # 3-2232546-3 GI2.5 HDR ASS 3P RED NO BOSS TAPE	 TE Part # 5-2299683-6 EP2.5 HDR 6P VERT W/O BOSS, TAPING, GREEN
 TE Part # 1-2299683-4 EP2.5 HDR 4P VERT W/O BOSS, TAPING, RED	 TE Part # 1-1744439-8 EP2.5 Shrd HDR ASSY 18P VERT, GW	 TE Part # 1969442-8 EP 2.5 TPA Housing, 8 Pos	 TE Part # 1744439-2 EP2.5 Shrd HDR ASSY 2P VERT, GW
 TE Part # 2-2232546-1 GI2.5 HDR ASS 2P NC NO BOSS TAPE	 TE Part # 4-2299683-2 EP2.5 HDR 2P VERT W/O BOSS, TAPING, YELLOW	 TE Part # 2299683-3 EP2.5 HDR 3P VERT W/O BOSS, TAPING	 TE Part # 6-2232546-1 GI2.5 HDR ASS 6P NC NO BOSS TAPE



TE Part # 3-2232546-1
GI2.5 HDR ASS 3P NC NO BOSS TAPE

TE Part # 3-2299683-7
EP2.5 HDR 7P VERT W/O BOSS, TAPING,BLACK

TE Part # 1969443-6
EP 2.5 TPA Retainer, 6 Pos

TE Part # 5-2232546-1
GI2.5 HDR ASS 5P NC NO BOSS TAPE

Also in the Series | Economy Power 2.5

Connector Contacts(6)

Connector Hardware(49)

PCB Headers & Receptacles(533)

Rectangular Power Connectors(531)

Wire-to-Board Connector Assemblies & Housings(305)

Wire-to-Board Headers & Receptacles (533)

Customers Also Bought

TE Part #2391828-4
ECONOMY POWER 2.5 PLUG HOUSING, 4P

TE Part #1376386-2
5mm B-T-W Conn. 4P(2row) HDR A

TE Part #2-2232574-3
GIC 2.5 W CAP HSG 4P BLUE

TE Part #2391827-4
ECONOMY POWER 2.5 TPA RETAINER, 4P

TE Part #2232575-1
2.5 SIGNAL D/LOCK TAB CONT. M

TE Part #2232574-1
GIC 2.5 W CAP HSG 4P NATURAL

TE Part #2174298-1
5mm POWER KEY 3P HDR ASSEMBLY

TE Part #1-1376382-3
5MM B-T-W CONN. 2P HDR ASSEMBL (W/O GF)



Documents

Product Drawings

EP 2.5 LIF RCPT CONTACT, 26-22 AWG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2232905-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2232905-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2232905-1_A.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

Agency Approvals

VDE Certificate

English