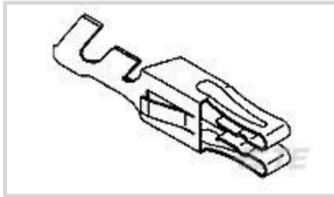




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Receptacle**

Connector System: **Wire-to-Board**

Wire Size: **3.3 – 5.26 mm²**

Features

Product Type Features

Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Contact Retention Within Housing	With
Wire Contact Termination Area Plating Thickness	3.81 μm[150 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material	Tin
	150 μin
Contact Base Material	Copper Alloy
Contact Type	Receptacle
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	30 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Dimensions

Accepts Wire Insulation Diameter Range	4.06 – 5.33 mm [.16 – .21 in]
Wire Size	3.3 – 5.26 mm ²

Usage Conditions

Operating Temperature Range	-40 – 95 °C [-40 – 203 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	1500
Packaging Method	Reel

Product Compliance

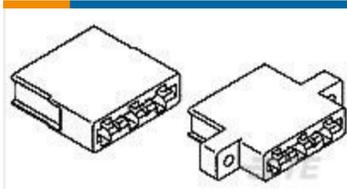
[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

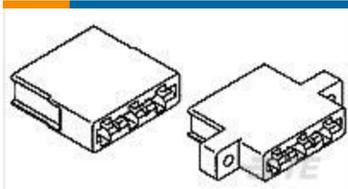
Product Compliance Disclaimer

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>

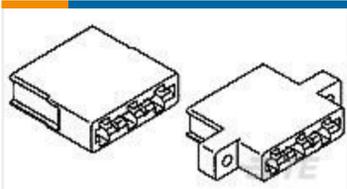
Compatible Parts



TE Part # 530521-6
HIGH CURRENT HSG 8 POS



TE Part # 530521-9
HIGH CURRENT HSG 12 POS



TE Part # 530521-7
HIGH CURRENT HSG 9 POS



TE Part # 1-530521-1
HOUSING



TE Part # 1-530521-3
HOUSING



TE Part # 1-530521-4
HOUSING



TE Part # 1-530521-5
HOUSING



TE Part # 1-530521-6
HOUSING



TE Part # 1-530521-7
HOUSING



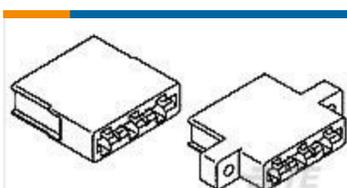
TE Part # 1-530521-8
HOUSING



TE Part # 1-530521-9
HOUSING



TE Part # 466438-2
HDM SMPR160F2500K



TE Part # 530521-3
HIGH CURRENT HSG 4 POS

Documents

Product Drawings

HIGH CURRENT CONT. STRIP

English

CAD Files

3D PDF

3D

Customer View Model



[ENG_CVM_CVM_530519-2_W.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_530519-2_W.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_530519-2_W.3d_stp.zip](#)

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English