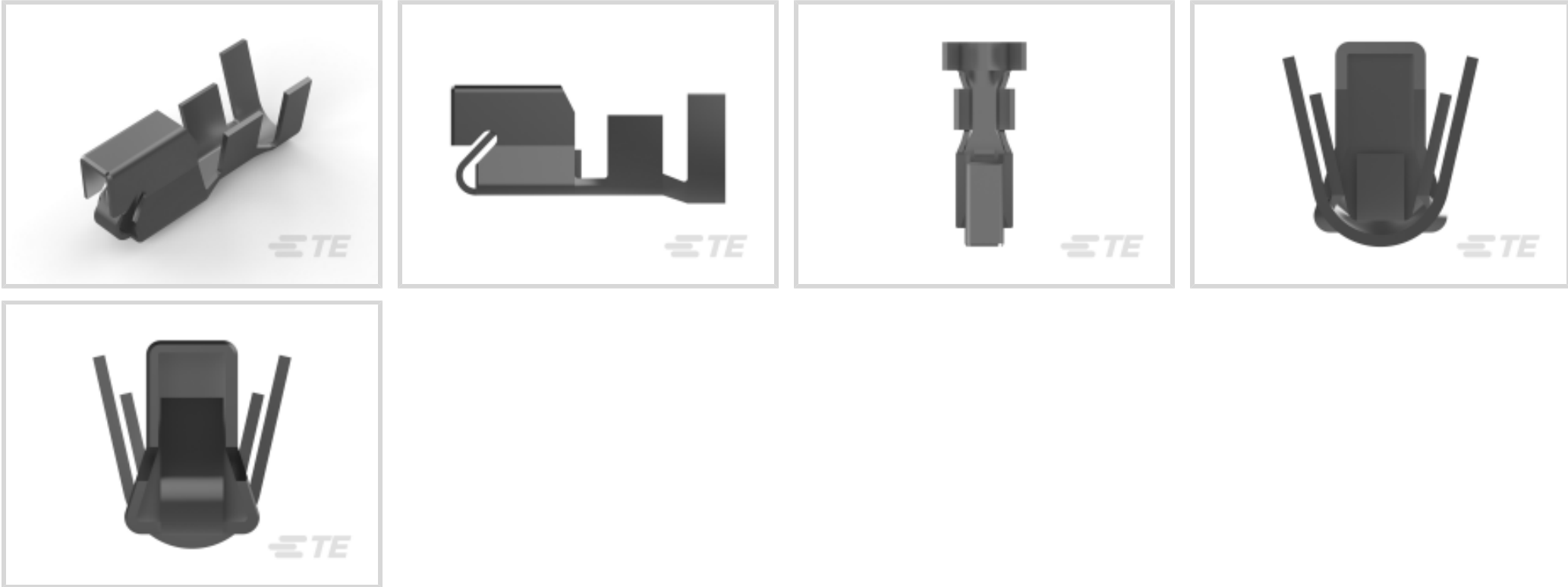




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Features

Mechanical Attachment

Wire Insulation Support	Without
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Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Dimensions

Compatible Insulation Diameter Range	1.7 – 3 mm[.067 – .118 in]
Wire Size	.52 – 1.31 mm²

Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Mating Square Post Dimension	1.14 mm[.045 in]
Wire Contact Termination Area Plating Material Finish	Semi-Bright
Contact Shape & Form	Single Beam in Box
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]



Contact Type	Socket
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	12.3 A

Electrical Characteristics

Operating Voltage	600 VAC
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Termination Features

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

Usage Conditions

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

Circuit Application	Power
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 2151772-1
[OCEAN_2.0_Applicator-S-070F102F-RSM](#)

TE Part # 2151772-2
[OCEAN_2.0_Applicator-S-070F102F-RSA](#)

TE Part # 2217660-1
[CCII EPII LANCELESS STD 20-16 ASSY](#)

TE Part # 2305570-1
[Strip Terminal Cutter-Side Feed-No Crimp](#)

TE Part # 7-2151772-7
[OCEAN_2.0_SPARE_PART_KIT-070F102F](#)

TE Part # 2108742-2

Also in the Series | Economy Power

[Connector Contacts\(15\)](#)

[Connector Hardware\(2\)](#)

[Insertion & Extraction Tools\(1\)](#)

[PCB Headers & Receptacles\(402\)](#)



Rectangular Connector Housings(1)



Rectangular Power Connectors(57)



Wire-to-Board Connector Assemblies & Housings(141)

Customers Also Bought



TE Part #917693-1
2.5 SIGNAL D/LOCK PLUG HSG 9P



TE Part #917705-1
2.5 SIGNAL DBL LOCK D.L.P. 9P



TE Part #1744416-6
6 POS EP II HSG, GLOW WIRE



TE Part #2132813-2
2 pos. EP II housing w/rtnr



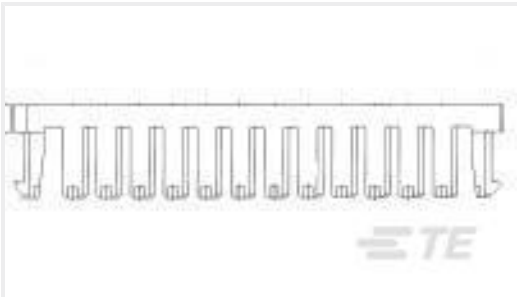
TE Part #1744416-2
2 POS EP II HSG, GLOW WIRE



TE Part #2132781-6
06P EP-II HOUSING, NATURAL



TE Part #1217094-2
RCPT 250 POS-LOCK 18-14 TPBR



TE Part #1746076-1
2.5SDL DBL 14P HSG NAT



TE Part #2108743-1
POWER 2P DBL L/PRO NAT



TE Part #2430010-2
RING,M4, DIA 4.3,14-18 AWG,TPBR

Documents

Product Drawings

EP-II CONTACT LANCELESS, 20-16

English

CAD Files

Customer View Model

ENG_CVM_CVM_1744201-1_B.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1744201-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744201-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773885-9 Economy Power Connectors](#)

English

[7-1773458-5 ECONOMY_POWER_QRG](#)

English

[7-1773461-5 EPII_CONNECTOR_TPA_DEVICE](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English