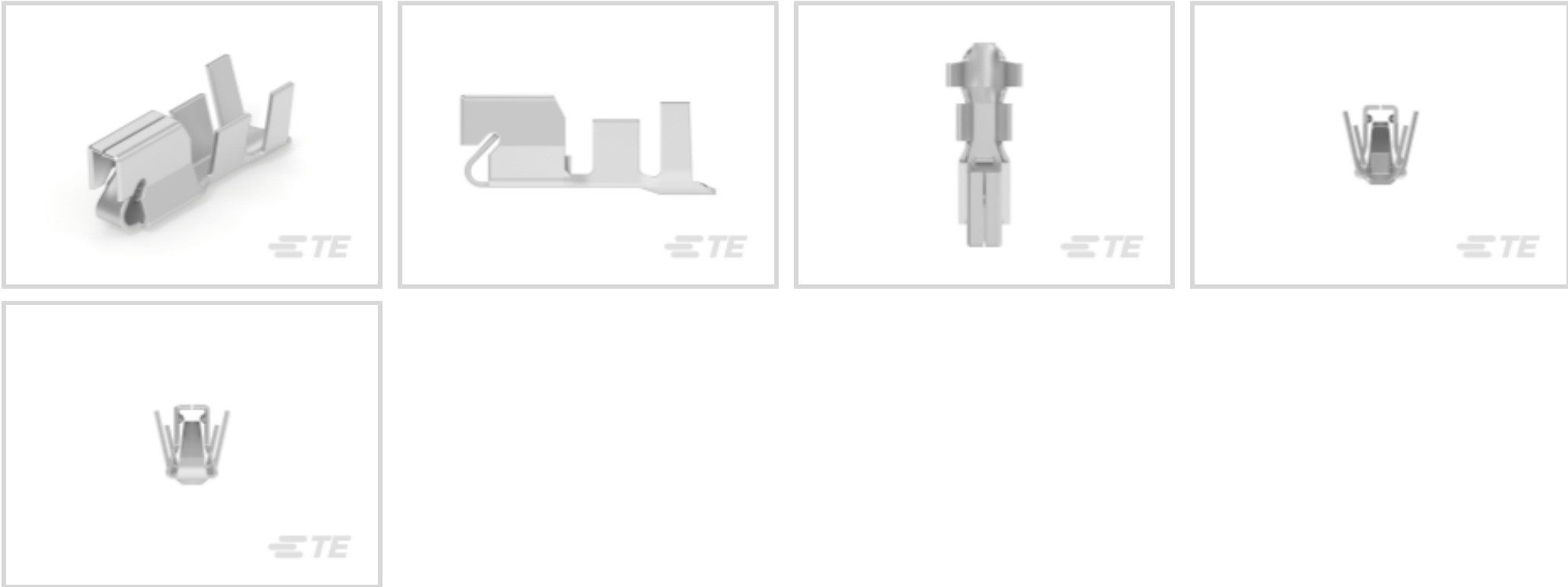




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

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

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

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

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



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

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

Usage Conditions

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

Circuit Application	Power
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Packaging Features

Packaging Quantity	4000
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	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 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 # 2371377-2
EP II PLUG HOUSING, 2P, GWT

Also in the Series | Economy Power II

Connector Contacts(13)

Connector Hardware(2)

PCB Headers & Receptacles(463)

Power Contacts(7)

Rectangular Power Connectors(547)

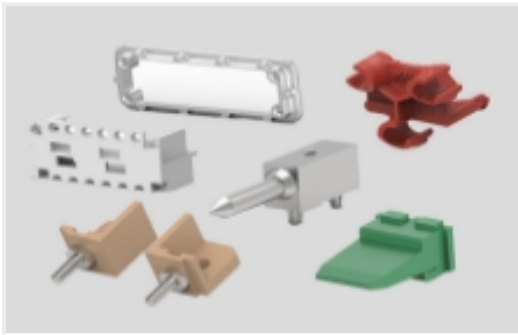
Wire-to-Board Connector Assemblies & Housings(104)

Wire-to-Board Headers & Receptacles (463)

Also in the Series | Economy Power



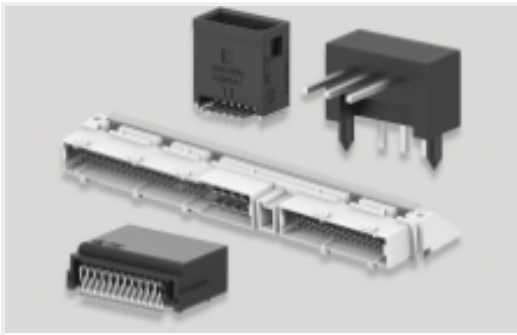
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



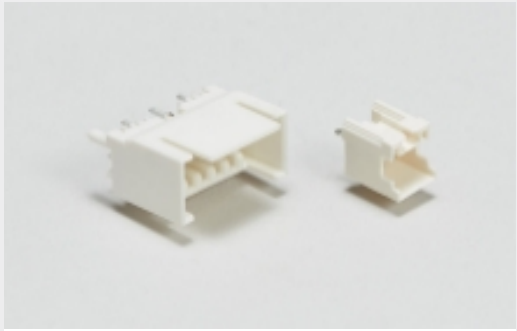
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)

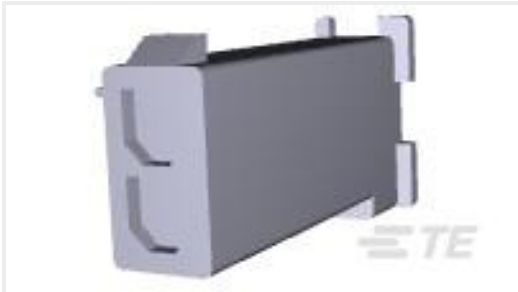


Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #172337-1
MINI UMNL PLUG HOUSING 3P



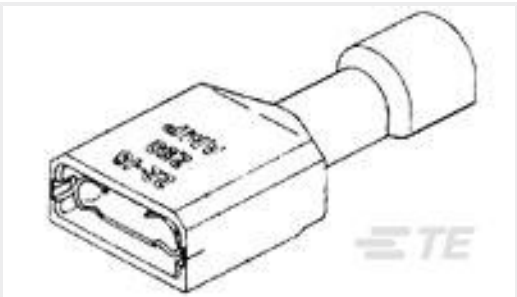
TE Part #172343-1
MINI UNIVERSAL M-N-L HOUSING



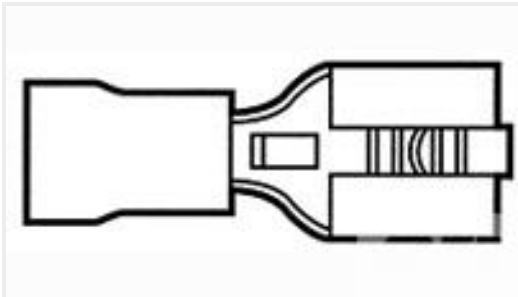
TE Part #172344-1
MINI UNIVERSAL MATE-N-LOK CAP HOUSING 3P



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #2-520403-2
ULTRA-FAST 187 ASY REC 22-18 TPBR



TE Part #640906-1
RECEPT,PIDG FASTON 12-10 250



TE Part #7-1393254-9
W92-X112-40=M6/M7/M9/W6/W7



TE Part #5-2176070-1
3521 1K2 1% 2W



TE Part #2334614-4
Power Versa-Lock BACK COVER 4P

Documents



Product Drawings

EP-II CONTACT LANCELESS, 18-16

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2377997-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2377997-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2377997-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English