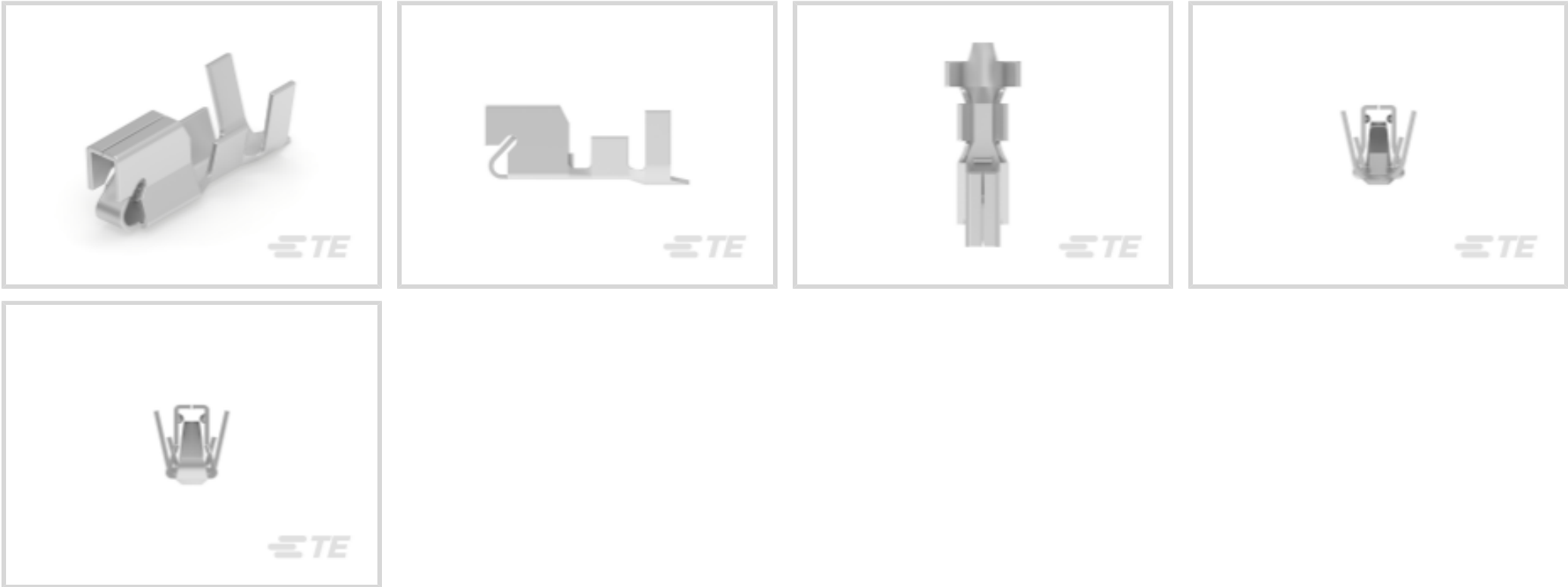




Connectors > Contacts > Connector Contacts



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	.33 – .82 mm ²
Compatible Insulation Diameter Range	1.7 – 2.9 mm[.067 – .114 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	Bag

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)



Power Contacts(7)



Rectangular Connector Housings(104)



Rectangular Power Connectors(547)



Standard Rectangular Connectors(104)



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

Customers Also Bought



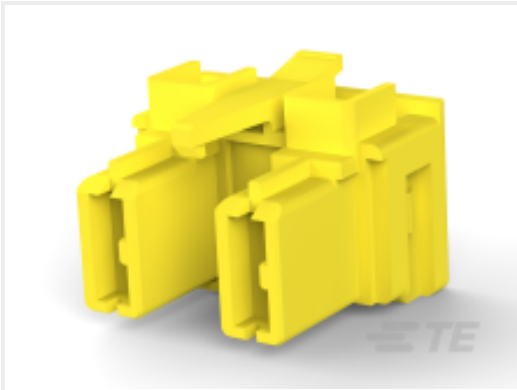
TE Part #ADP-SMAF-SMAF-B-G
SMA Jack to SMA Jack Bulkhead



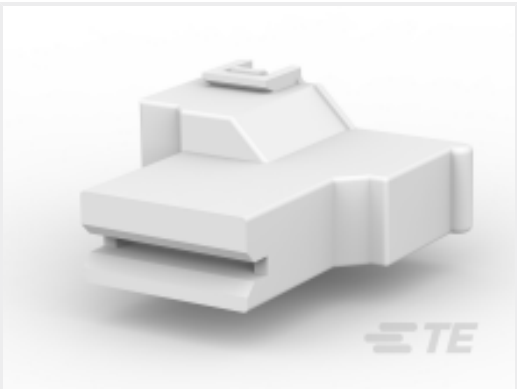
TE Part #5-179938-1
AMP POWER DBL LOCK PLUG HSG 3P (GWT)



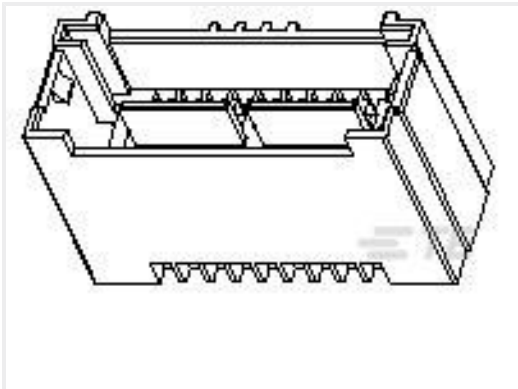
TE Part #640251-5
05P SL156 HSG W/O LCK RAMP



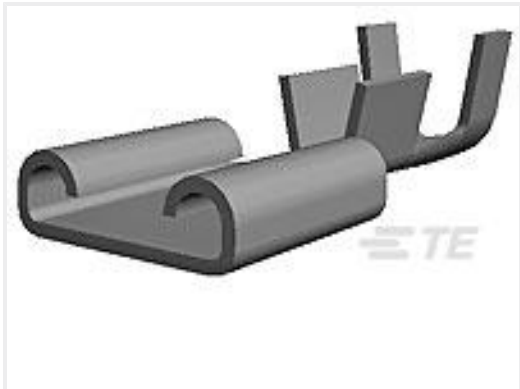
TE Part #1-1743165-5
250 HSG. PL EX REC. 12mm 2P YELLOW



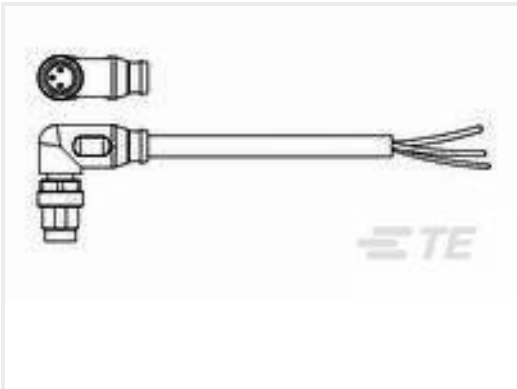
TE Part #1969507-9
250 FASTON HSG.,FLAG,REC.,1 POS, NATRUAL



TE Part #2108505-1
2.5 SDL 18P CAP HSG 2ROW



TE Part #2232247-1
250 FASTON,REC.,16-10 AWG,BR



TE Part #1-2273008-2
M8 x 1.0 Angled plug Pigtail



TE Part #2371377-5
EP II plug housing, 5P, GWT



TE Part #2430199-1
O-Ring SSA 38999 Shell 6, 1pk

Documents



Product Drawings

EP-II CONTACT LANCELESS, 22-18

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2377991-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2377991-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2377991-1_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