



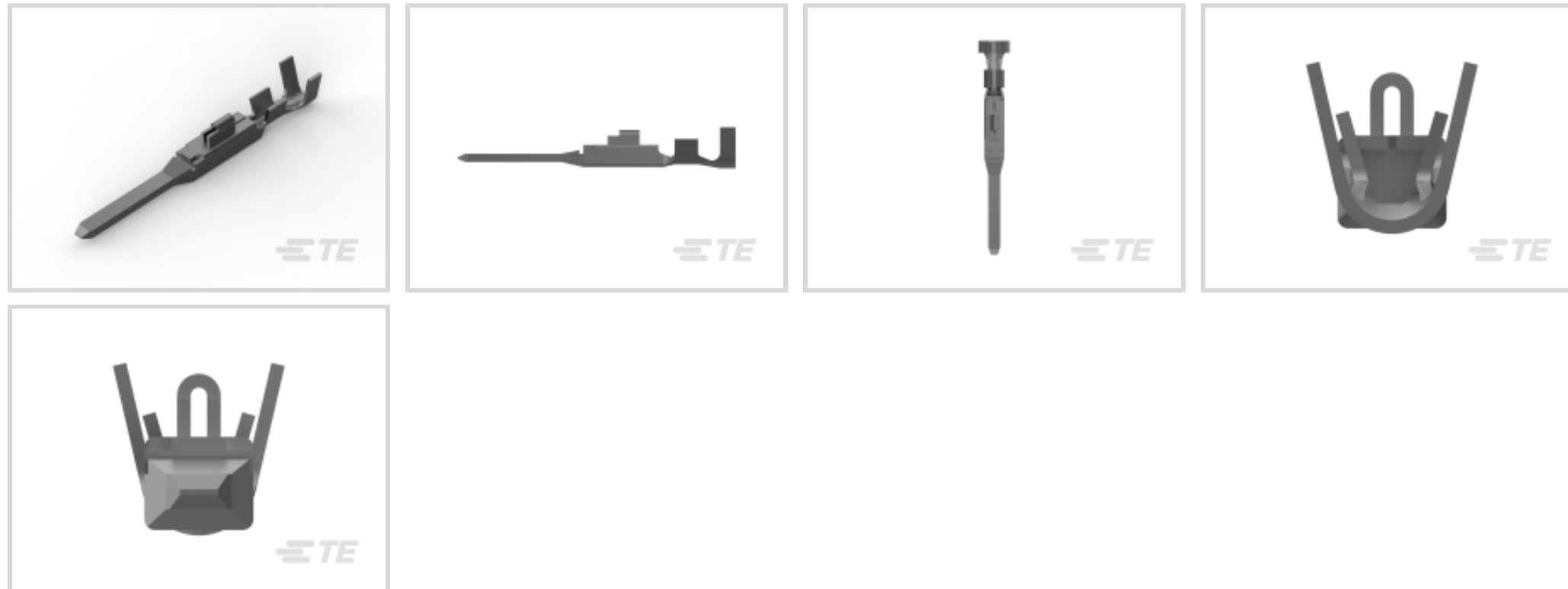
AMP Universal Power

TE Internal #: 175149-1

Tab Contact, Tin (Sn), 300 VAC / 50 VAC, 26 – 22 AWG, .12 – .35 mm² Wire, Crimp, Copper Alloy, Power, -30 – 105 °C [-22 – 221 °F], AMP Universal Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Tab**

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

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

Operating Voltage: **50 VAC, 300 VAC**

Contact Retention Within Housing: **With**

Features

Electrical Characteristics

Operating Voltage	50 VAC, 300 VAC
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Contact Features

Contact Orientation	Straight
Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.025 in]
Wire Contact Termination Area Plating Thickness	.8 µm[31.49 µin]
Contact Type	Tab
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12 A



Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.2 – 2 mm [.047 – .079 in]
Wire Size	.12 – .35 mm ²

Usage Conditions

Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	5000
Packaging Method	Reel

Product Compliance

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



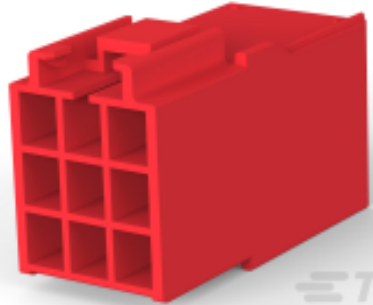
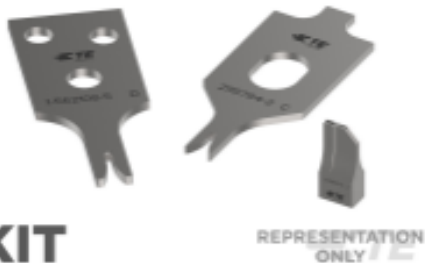
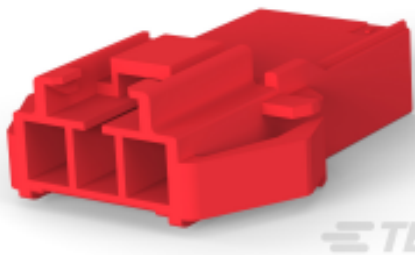
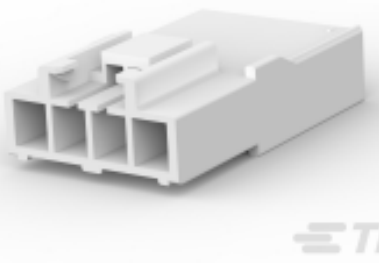
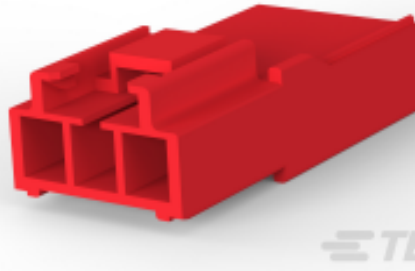
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 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

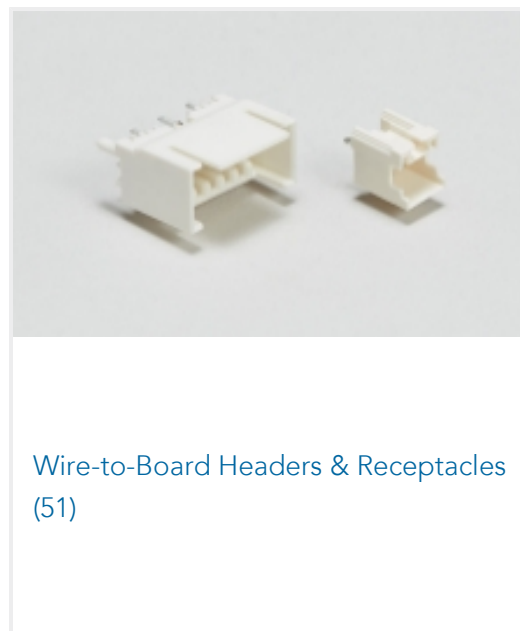
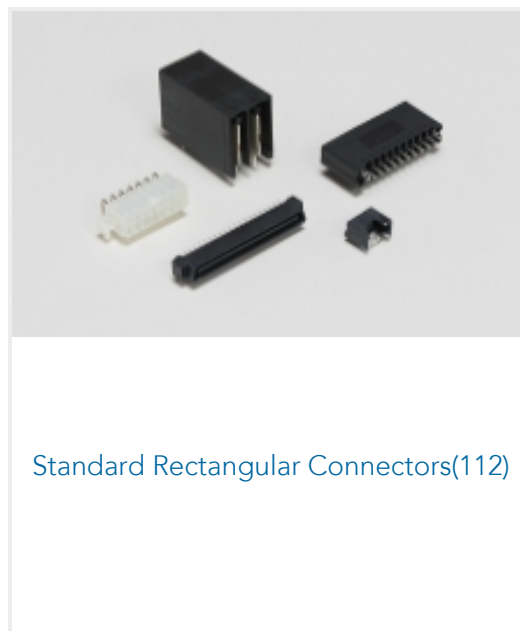
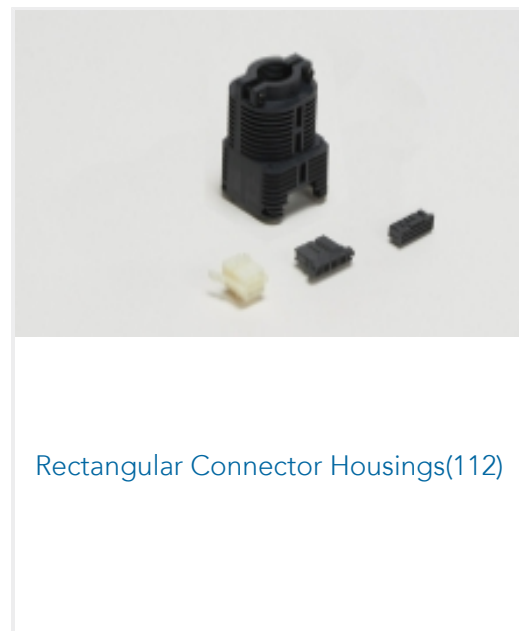
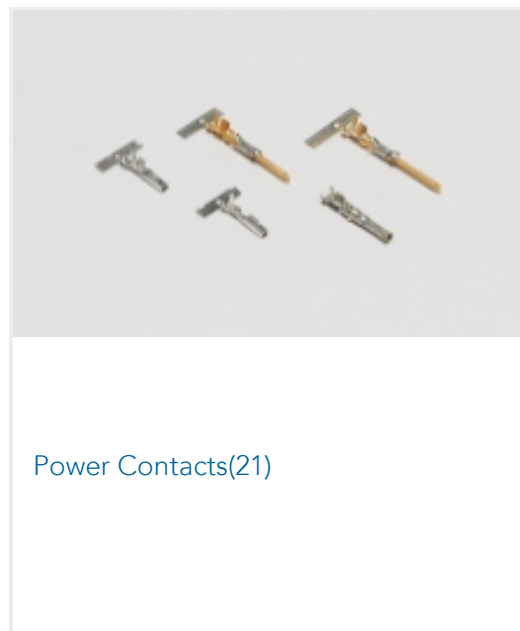
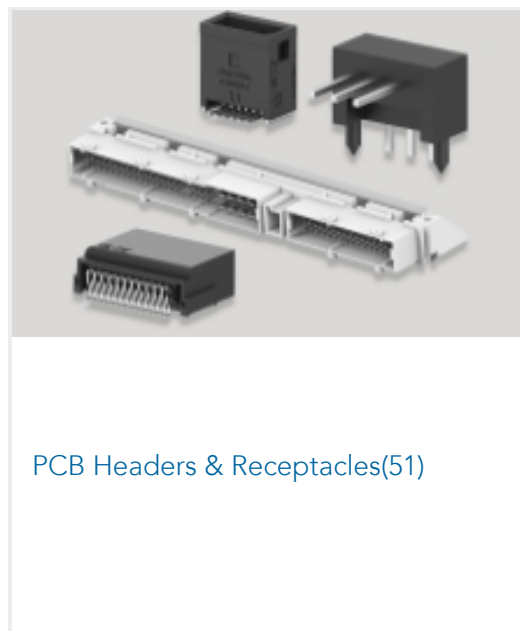
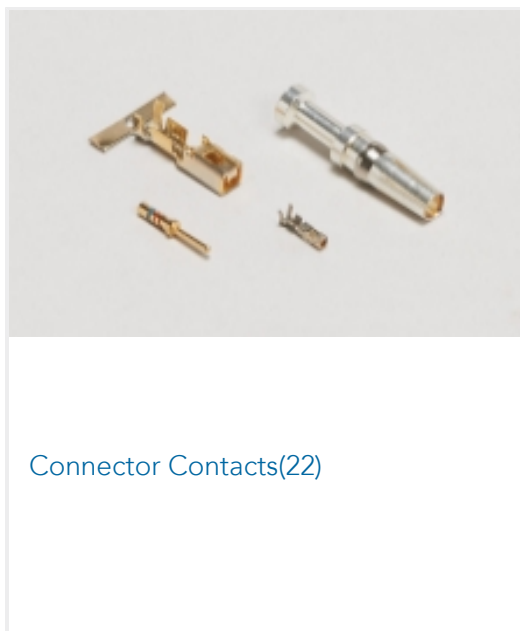
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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

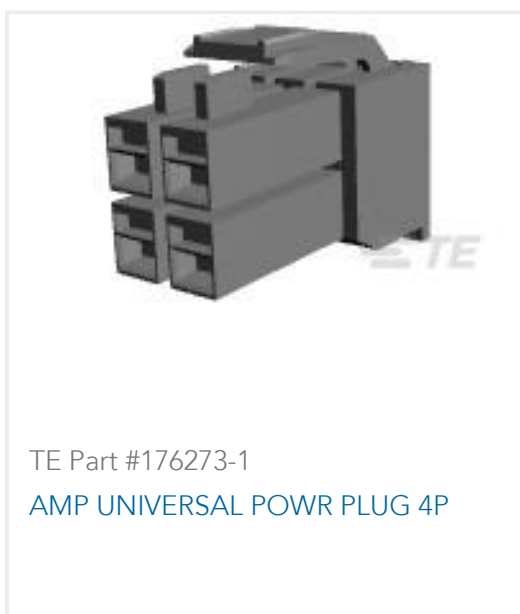
 <p>TE Part # 176292-9 UNIV POWER CAP HSG 2P P/MOUNT</p>	 <p>TE Part # 176285-9 AMP UNIVERSAL POWER CAP 6P</p>	 <p>TE Part # 3-1565088-4 GRACE INERTIA CONNECTOR 3.5 6P</p>	 <p>TE Part # 176281-4 UNIV POWER CAP HSG 1P F/H</p>
 <p>TE Part # 176291-9 UNIV POWER CAP HSG 18P F/H</p>	 <p>TE Part # 178740-1 UP 3.96 CAP HSG PAN-MT NAT</p>	 <p>TE Part # 176284-4 AMP UNIVERSAL POWER CAP 4P</p>	 <p>TE Part # 176286-1 UNIV POWER CAP HSG 8P F/H</p>
 <p>TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P</p>	 <p>TE Part # 176287-2 AMP UNIVERSAL POWER CAP 9P</p>	 <p>TE Part # 7-2836668-7 OC-055F090F-752-CRIMPTOOLINGKIT</p>	 <p>TE Part # 176293-2 UNIV POWER CAP HSG 3P P/MOUNT</p>
 <p>TE Part # 176282-2 AMP UNIVERSAL POWER CAP 2P</p>	 <p>TE Part # 176293-1 UNIV POWER CAP HSG 3P P/MOUNT</p>	 <p>TE Part # 178478-1 AMP UP CAP HSG F/H 4P NATURAL</p>	 <p>TE Part # 176283-2 AMP UNIVERSAL POWER CAP 3P</p>



Also in the Series | AMP Universal Power



Customers Also Bought





Documents

Product Drawings

UNIVERSAL POWER CONN TAB

English

CAD Files

Customer View Model

ENG_CVM_CVM_175149-1_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_175149-1_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_175149-1_P.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

APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF

English

Instruction Sheets

Extraction Tool for UP(913923-1)

English

Instruction Sheet (non U.S.)

English

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)

English

Hand Tool, PN 914181-1, Universal Power Contact (Was IS-505J)

Japanese



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

English

[Agency Approvals](#)

[TUV Certificate](#)

English