



**AMP Universal Power**

TE Internal #: 175149-2

Tin (Sn), Tab Contact, 26 – 22 AWG, 300 VAC / 50 VAC, .12 – .35 mm<sup>2</sup> Wire, Crimp, Brass, Power, -30 – 105 °C [-22 – 221 °F], AMP Universal Power

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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 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	Brass
Contact Current Rating (Max)	12 A
Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.025 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	Matte
Contact Orientation	Straight

### Termination Features

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

### Mechanical Attachment

Wire Insulation Support	With
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### Dimensions

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

### 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>](#)

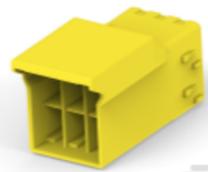
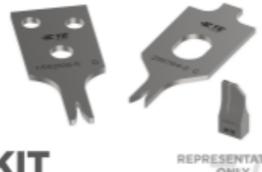
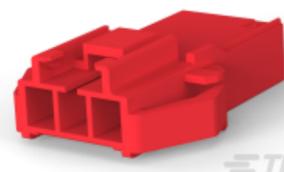
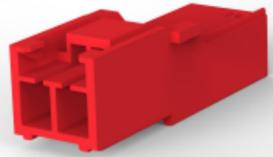
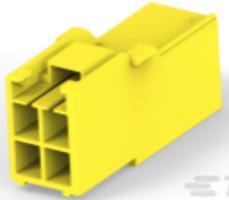
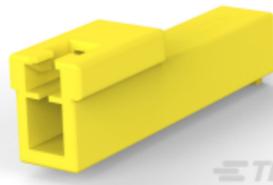
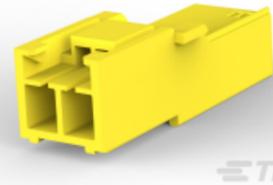
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does 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 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

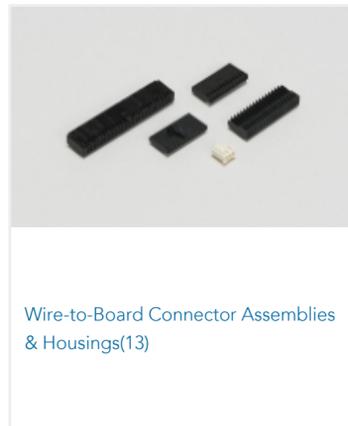
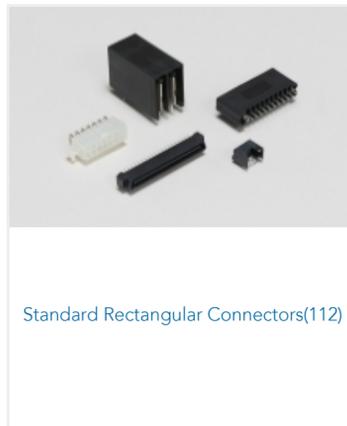
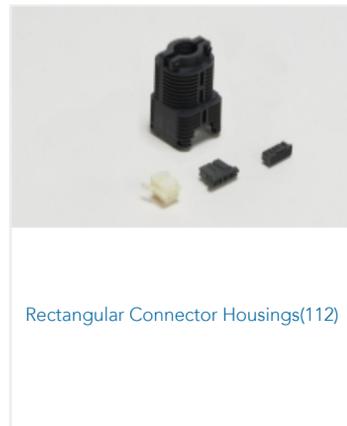
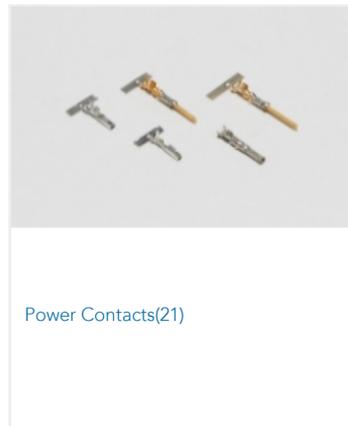
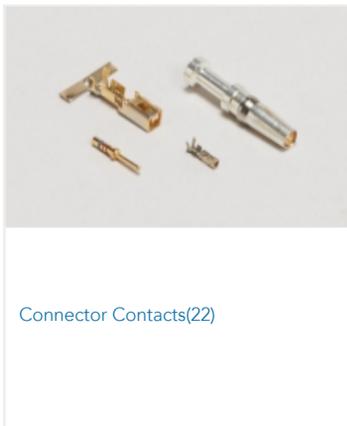
will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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 # 176285-9 AMP UNIVERSAL POWER CAP 6P</p>	 <p>TE Part # 176292-9 UNIV POWER CAP HSG 2P P/MOUNT</p>	 <p>TE Part # 3-1565088-4 GRACE INERTIA CONNECTOR 3.5 6P</p>	 <p>TE Part # 176286-1 UNIV POWER CAP HSG 8P F/H</p>
 <p>TE Part # 176287-2 AMP UNIVERSAL POWER CAP 9P</p>	 <p><b>KIT</b> REPRESENTATION ONLY</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 # 178478-1 AMP UP CAP HSG F/H 4P NATURAL</p>
 <p>TE Part # 176291-9 UNIV POWER CAP HSG 18P F/H</p>	 <p>TE Part # 176282-2 AMP UNIVERSAL POWER CAP 2P</p>	 <p>TE Part # 178740-1 UP 3.96 CAP HSG PAN-MT NAT</p>	 <p>TE Part # 176293-1 UNIV POWER CAP HSG 3P P/MOUNT</p>
 <p>TE Part # 176284-4 AMP UNIVERSAL POWER CAP 4P</p>	 <p>TE Part # 2305570-1 Strip Terminal Cutter-Side Feed-No Crimp</p>	 <p>TE Part # 176281-4 UNIV POWER CAP HSG 1P F/H</p>	 <p>TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P</p>



Also in the Series | **AMP Universal Power**



Customers Also Bought





## Documents

### Product Drawings

[AMP UNIVE. POWER CONN TAB CONT](#)

English

### CAD Files

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_175149-2\\_P.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_175149-2\\_P.3d\\_igs.zip](#)

English

[Customer View Model](#)

[ENG\\_CVM\\_CVM\\_175149-2\\_P.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

[APPLICATION SPECIFICATION AMP UNIVERSAL POWER CONTACT, CRIMPING OF](#)

English

### Instruction Sheets

[Extraction Tool for UP\(913923-1\)](#)

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

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[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

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

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

Japanese



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

English

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[Agency Approvals](#)

[TUV Certificate](#)

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