



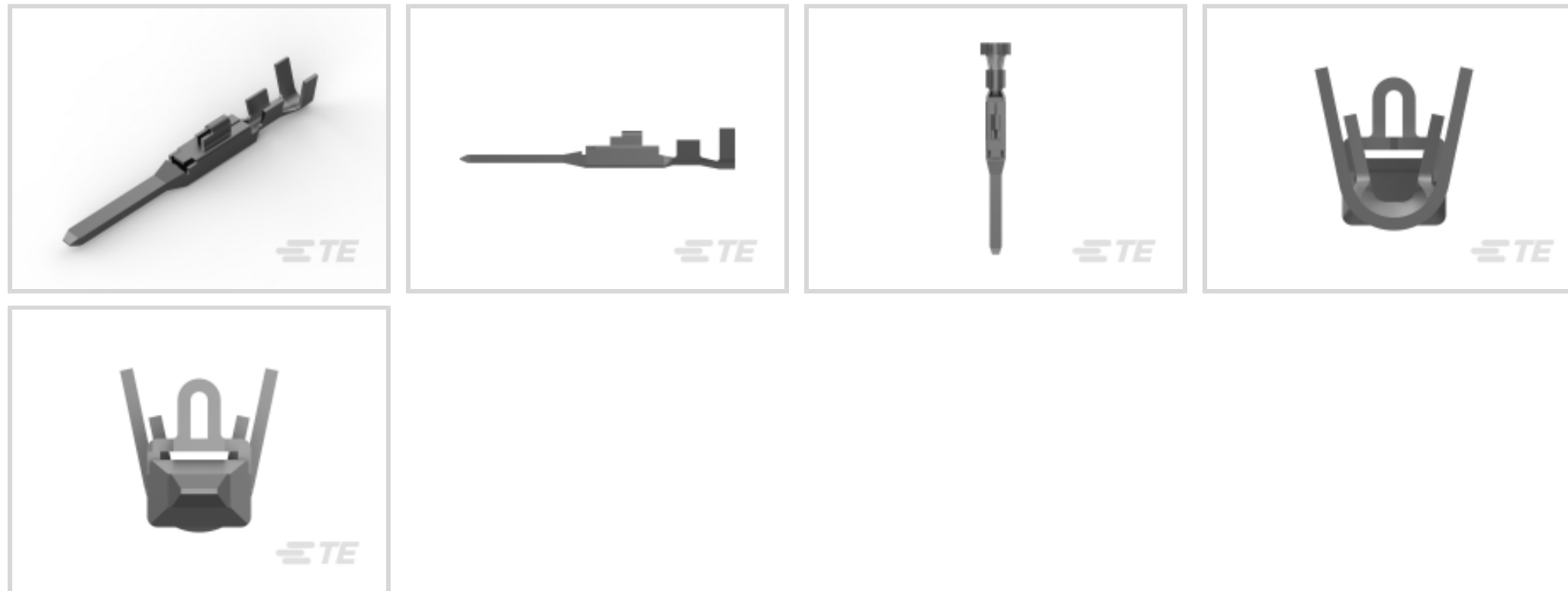
AMP Universal Power

TE Internal #: 175153-2

Tab Contact, Tin, 300 VAC / 50 VAC, 26 – 22 AWG Wire Size, .12 – .35 mm<sup>2</sup> Wire Size, Crimp, Brass, Power, AMP Universal Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Tab**

Contact Mating Area Plating Material: **Tin**

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**

Mating Tab Width	1.2 mm[.047 in]
Mating Tab Thickness	.64 mm[.023 in]
Wire Contact Termination Area Plating Thickness	.8 μm[31.49 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	.8 μm[31.49 μin]
Contact Orientation	Straight
Contact Type	Tab
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	12 A

**Termination Features**

Termination Method to Wire & Cable	Crimp
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Product Terminates To	Wire & Cable
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### Mechanical Attachment

Wire Insulation Support	Without
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### Dimensions

Compatible Insulation Diameter Range	1.2 – 2 mm [.047 – .079 in]
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Wire Size	.12 – .35 mm <sup>2</sup>
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### 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	1000
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Packaging Method	Bag & Box
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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 # 176301-1  
UNVI POWER CAP HSG 18P PNL MTG



TE Part # 176291-1  
UNIV POWER CAP HSG 18P F/H



TE Part # 176299-1  
UNVI POWER CAP HSG 12P PNL MTG



TE Part # 176290-1  
UNIV POWER CAP HSG 15P F/H



TE Part # 176295-1  
UNIV POWER CAP HSG 6P P/MOUNT



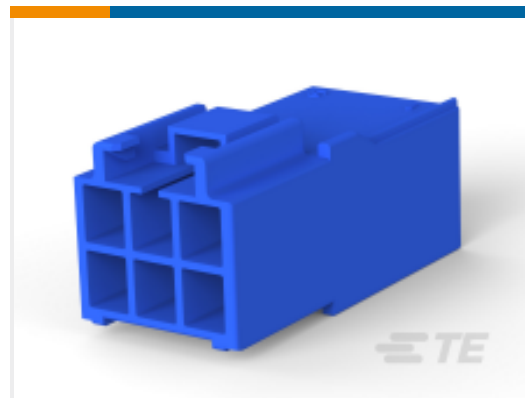
TE Part # 176286-1  
UNIV POWER CAP HSG 8P F/H



TE Part # 176284-1  
AMP UNIVERSAL POWER CAP 4P



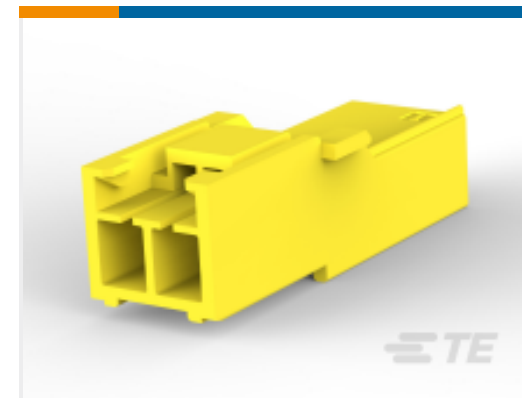
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AMP UNIVERSAL POWER CAP 6P



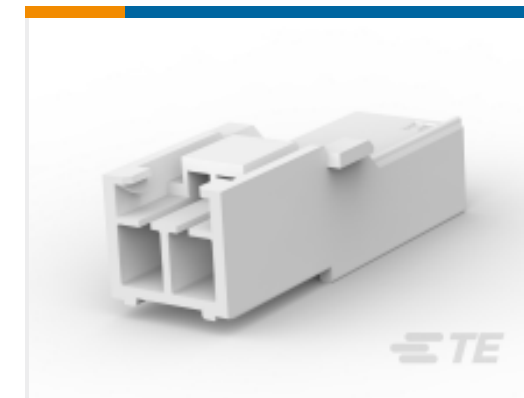
TE Part # 176285-6  
AMP UNIVERSAL POWER CAP 6P



TE Part # 176283-1  
AMP UNIVERSA POWR CAP 3P



TE Part # 176282-4  
AMP UNIVERSAL POWER CAP 2P



TE Part # 176282-1  
AMP UNIVERSAL POWER CAP 2P



TE Part # 176281-1  
UNIV POWER CAP HSG 1P F/H



TE Part # 176284-9  
AMP UNIVERSAL POWER CAP 4P



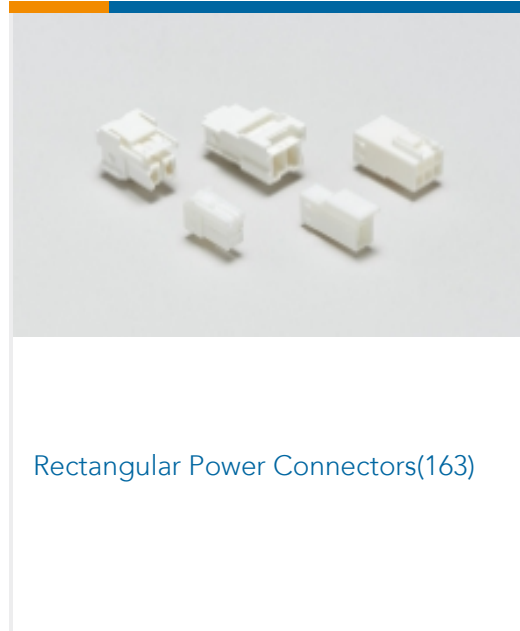
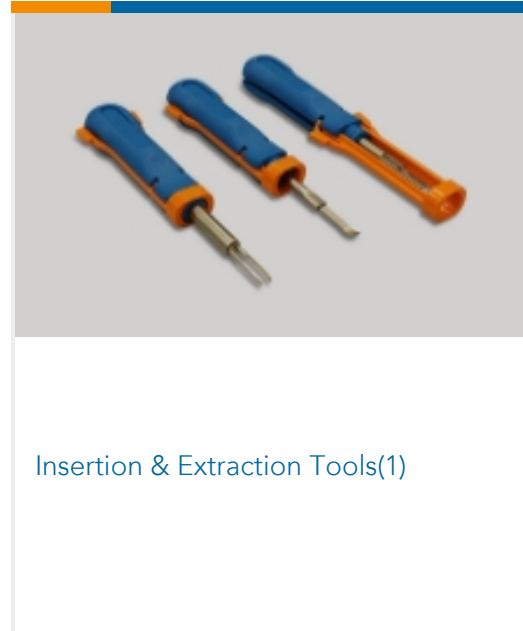
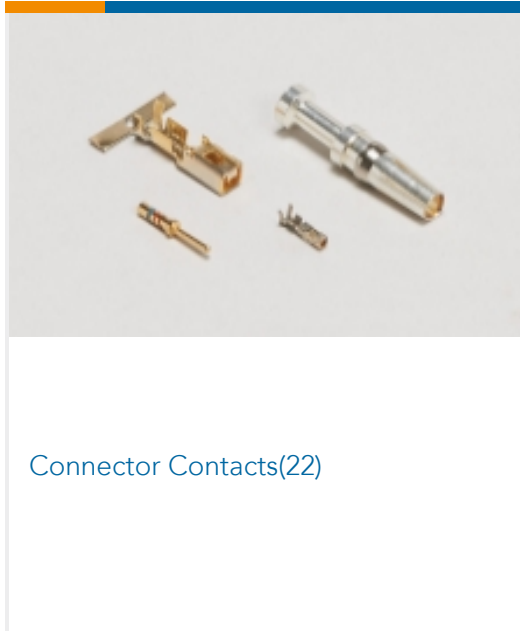
TE Part # 176288-1  
UNIV POWER CAP HSG 10P F/H



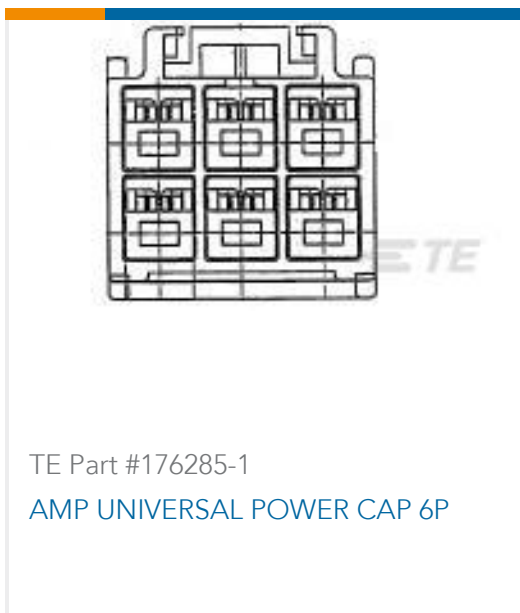
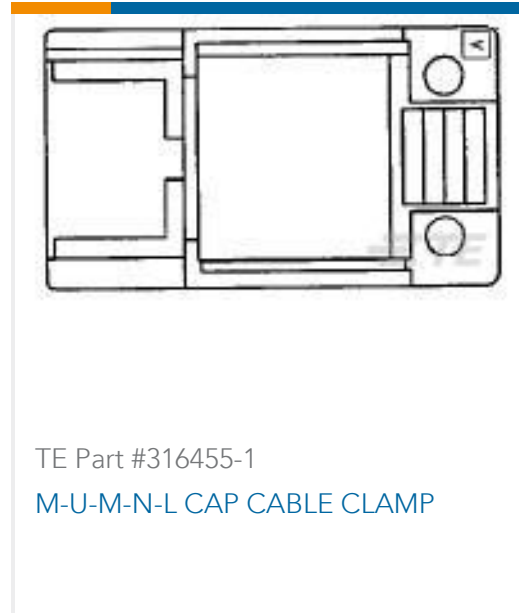
TE Part # 176289-1  
UNIV POWER CAP HSG 12P F/H



## Also in the Series | AMP Universal Power



## Customers Also Bought



## Documents

### Product Drawings

#### U/P TAB CONT L/P

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

##### ENG\_CVM\_CVM\_175153-2\_P.2d\_dxf.zip

English

#### Customer View Model

##### ENG\_CVM\_CVM\_175153-2\_P.3d\_igs.zip

English

#### Customer View Model

##### ENG\_CVM\_CVM\_175153-2\_P.3d\_stp.zip

English

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

### Product Specifications

#### Crimping of Universal Power Contact

English

#### Product Specification

Japanese

#### AMP Universal Power Connector

Japanese

### Instruction Sheets

#### Extraction Tool for UP(913923-1)

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