

176271-1 ✓ ACTIVE

AMP Universal Power

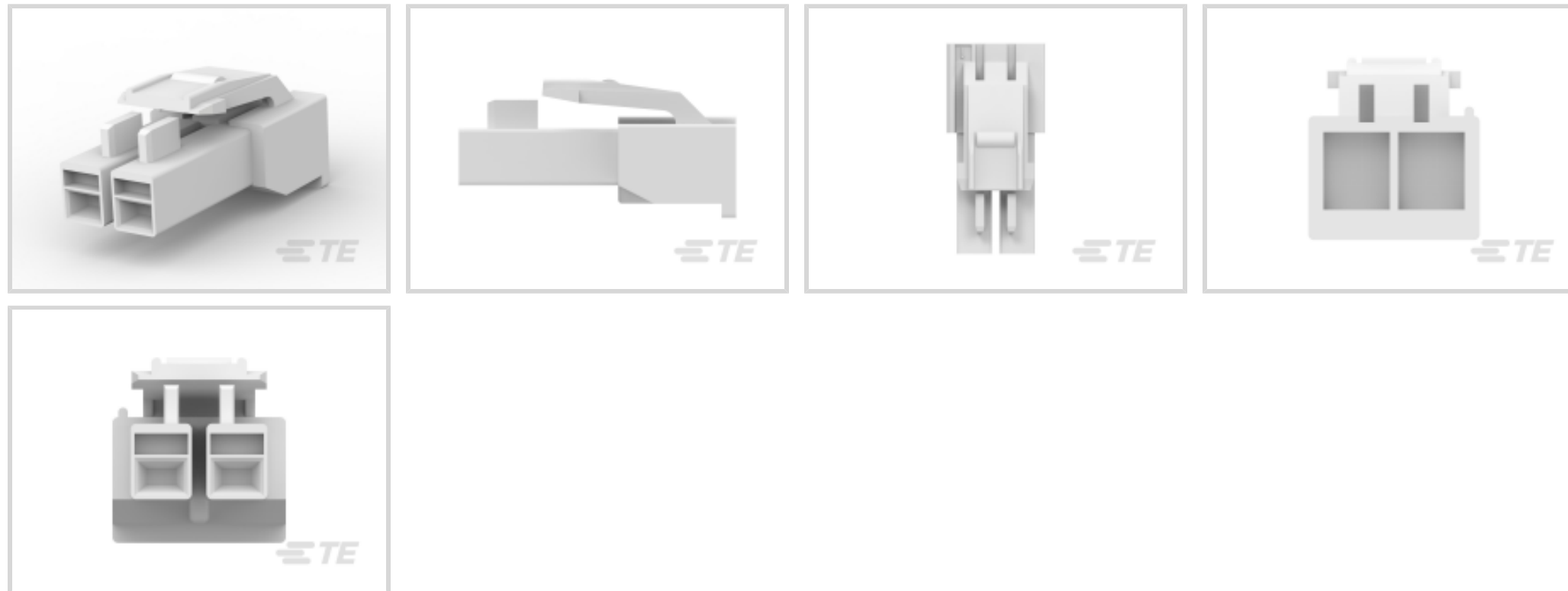
TE Internal #: 176271-1

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 2 Position, AMP Universal Power, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

### Features

#### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Signal Positions	0
Number of Power Positions	0
Number of Positions	2
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	300 VAC
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#### Body Features

Primary Product Color	Natural
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### Contact Features

Contact Layout	Inline
Contact Type	Receptacle
Contact Retention Within Housing	Without

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PA 6/6
Centerline (Pitch)	3.96 mm [.156 in]

### Dimensions

Connector Height	10.05 mm
Connector Length	9.06 mm

### Usage Conditions

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

Circuit Application	Power & Signal
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### Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

### Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

### Product Compliance




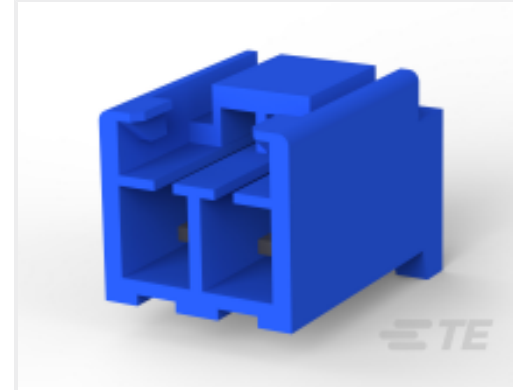


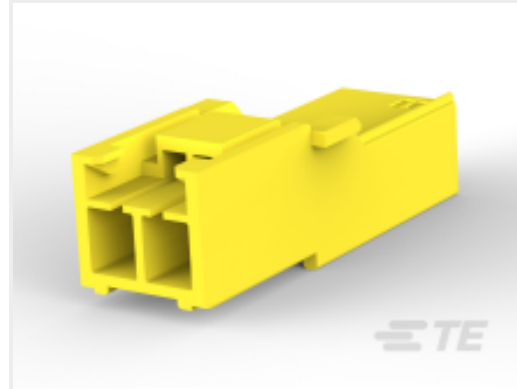
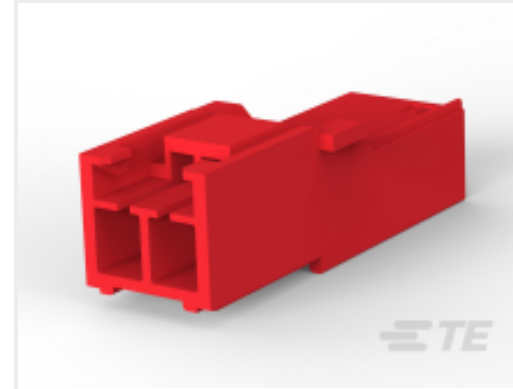
[For compliance documentation, visit the product page on TE.com>](#)

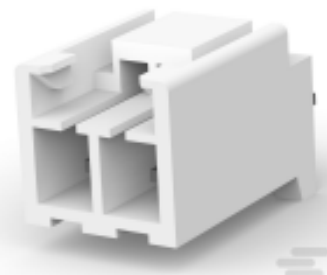
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not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

 TE Part # 178490-1 AMP U/P CONN HDR HSG H 2P	 TE Part # 176973-7 UP CONN HDR HSG 2P	 TE Part # 176292-9 UNIV POWER CAP HSG 2P P/MOUNT	 TE Part # 176975-6 UNIV POWER HDR ASSY 2P BLUE
 TE Part # 175151-4 UNIVESAL POWER REC CONT #26-22	 TE Part # 175152-1 UNIVERSAL POWER REC	 TE Part # 176282-4 AMP UNIVERSAL POWER CAP 2P	 TE Part # 176282-2 AMP UNIVERSAL POWER CAP 2P

TE Part # 1-176975-1  
AMP UNIVERSAL POWER PLG 2P PCB



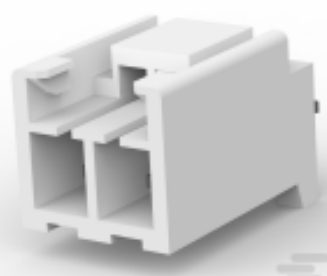
TE Part # 175156-2  
U/P REC CONT L/P




TE Part # 176975-2  
UNIV POWER HDR ASSY 2P RED




TE Part # 175156-1  
UNIV POWER REC CONT L/P



TE Part # 9-176975-1  
AMP UNIVERSAL POWER PLG 2P PCB



TE Part # 176973-3  
UP CONN HDR HSG 2P



TE Part # 176973-5  
UP CONN HDR HSG 2P




TE Part # 176292-6  
UNIV POWER CAP HSG 2P P/MOUNT



TE Part # 175155-1  
UNIV POWER REC CONT L/P



TE Part # 175151-5  
AMP UNIVERSAL POWER CONN.REC C




TE Part # 176973-8  
UP CONN HDR HSG 2P




TE Part # 176975-4  
UNIV POWER HDR ASSY 2P YELLOW

Also in the Series | AMP Universal Power




Connector Contacts(22)




Insertion & Extraction Tools(1)



PCB Headers & Receptacles(51)



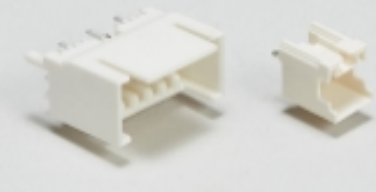
Power Contacts(21)



Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



## Documents

### Product Drawings

[AMP UNIVERSAL POWER PLUG 2P](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_176271-1\\_H.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_176271-1\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_176271-1\\_H.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

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### [Instruction Sheets](#)

#### [AMP UNIVERSAL POWER CONNECTOR SERIES](#)

English

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

English

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### [Agency Approvals](#)

#### [UL Report](#)

English