# 176293-1 ✔ ACTIVE

AMP Universal Power

TE Internal #: 176293-1

3 Position, Cap, Housing, Crimp, Wire-to-Panel / Wire-to-Wire, UL 94V-0, 3.96 mm [.156 in] Centerline, 1 Row, 300 VAC, AMP Universal Power

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors







Connector Product Type: **Housing**

Connector & Housing Type: **Cap**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Housing |
| Connector & Housing Type | Cap |
| Connector System | Wire-to-Panel, Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Resistance | 1000 MΩ |
| Operating Voltage | 300 VAC |

### Body Features

| | |
|---|---|
| Primary Product Color | Natural |

## Contact Features

| | |
|---|---|
| Contact Layout | Inline |
| Contact Base Material | Copper Alloy |
| Contact Retention Within Housing | Without |
| Contact Type | Tab |
| Contact Current Rating (Max) | 7 A |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Panel Mount Feature | With |
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| Mating Retention | With |
| Mating Retention Type | Latch |
| Connector Mounting Type | Panel Mount |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 3.96 mm[.156 in] |
| Housing Material | Nylon 6/6 |

## Dimensions

| | |
|---|---|
| Connector Height | 8.9 mm[.35 in] |
| Connector Length | 29 mm[1.14 in] |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |

## Operation/Application

| | |
|---|---|
| Circuit Application | Power & Signal |

## Industry Standards

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

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 500 |
| 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: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Melamine (3% in 23796019081)<br>**Article Safe Usage Statements:**<br>Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| 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 |

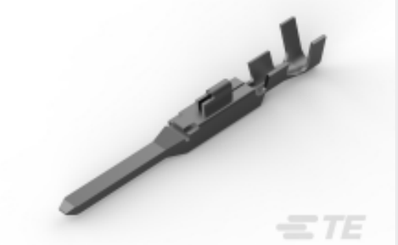
Product Compliance Disclaimer

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



TE Part # 175149-3
AMP UNIVERSAL POWER CONN.TAB C



TE Part # 175149-2
AMP UNIVE. POWER CONN TAB CONT



TE Part # 175154-2
U/P TAB CONT L/P



TE Part # 176272-9
AMP UNIVERSAL POWER PLUG 3P



TE Part # 175149-1
UNIVERSAL POWER CONN TAB



TE Part # 176272-6
AMP UNIVERSAL POWER PLUG 3P



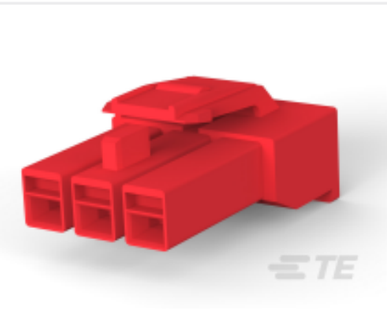
TE Part # 175154-1
UNIV POWER TAB CONT L/P



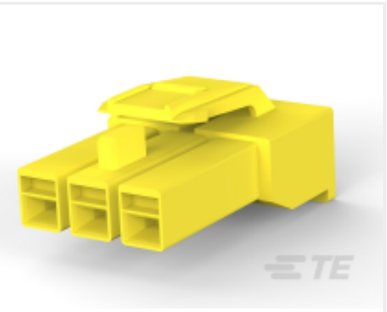
TE Part # 176272-1
AMP UNIVERSAL POWER PLUG 3P



TE Part # 175153-1
UNIV POWER TAB CONT L/P



TE Part # 176272-2
AMP UNIVERSAL POWER PLUG 3P



TE Part # 176272-4
AMP UNIVERSAL POWER PLUG 3P



TE Part # 175153-2
U/P TAB CONT L/P



TE Part # 175150-1
UNIVERSAL POWER CONN TAB

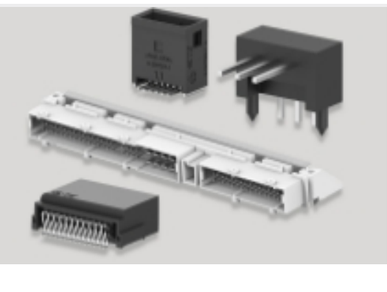


TE Part # 175150-2
AMP UNIVE. POWER CONN TAB CONT

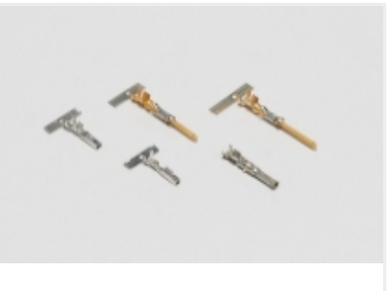
## Also in the Series | AMP Universal Power



Connector Contacts(22)



PCB Headers & Receptacles(51)



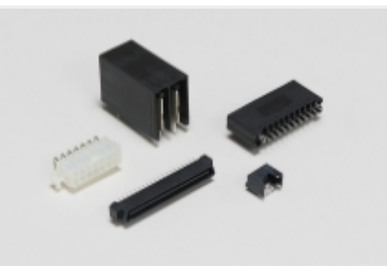
Power Contacts(21)



Rectangular Connector Housings(112)



Rectangular Power Connectors(163)



Standard Rectangular Connectors(112)



Wire-to-Board Connector Assemblies & Housings(13)

## Customers Also Bought



TE Part #175153-1
UNIV POWER TAB CONT L/P



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



TE Part #176272-1
AMP UNIVERSAL POWER PLUG 3P



TE Part #176273-1
AMP UNIVERSAL POWR PLUG 4P



TE Part #176274-1
AMP UNIVERSAL POWER PLUG 6P



TE Part #176277-1
UNIV POWER PLUG HSG 10P F/H



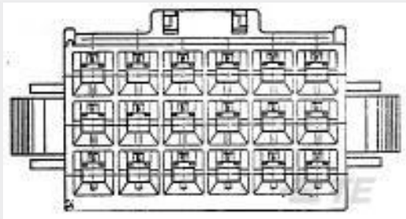
TE Part #176278-1
UNIV POWER PLUG HSG 12P F/H



TE Part #176280-1
UNIV POWER PLUG HSG 18P F/H



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



TE Part #176301-1
UNVI POWER CAP HSG 18P PNL MTG

## Documents

### Product Drawings

UNIV POWER CAP HSG 3P P/MOUNT

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_176293-1_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_176293-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_176293-1_G.3d_stp.zip

English

3D PDF

English

### Customer View Model

ENG_CVM_176293-1_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_176293-1_B.3d_stp.zip

English

### Customer View Model

ENG_CVM_176293-1_B.2d_dxf.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

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)

English

## Agency Approvals

UL Report

English