



+ CONNECTORS

RECTANGULAR POWER CONNECTORS



✓ Active

TE CONNECTIVITY (TE)  
AMP UNIVERSAL POWER PLUG 2P

[Power Double Lock](#) | [AMP Universal Power](#)

1-176271-1  
TE Internal Number: 1-176271-1

[EU RoHS Compliant](#)  
[EU ELV Compliant](#)

**Product Type** Housing

**Housing Type** Plug

**Connector System** Wire-to-Wire

**Number of Positions** 2

**Centerline (Pitch)** 3.96 mm [ .156 in ]

 **PRODUCT DRAWING**  
[English](#)

 **3D PDF**

DOCUMENTATION

Product Drawings

**AMP UNIVERSAL POWER CONN. 3.96MM PITCH PLUG HOUSING 2 POS. (SGL ROW)**

PDF

**English**

CAD Files

**Customer View Model**

2D\_DXF.ZIP

**English**

**3D PDF**

PDF  
3D

Customer View Model  
3D\_IGS.ZIP  
English

Customer View Model  
3D\_STP.ZIP  
English

Agency Approvals  
UL Report

AMP UNIVERSAL POWER CONNECTORS REPORT  
PDF  
English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.  
Please Note: Use the Product Drawing for all design activity.

Product Type Features

Product Type Housing  
Housing Type Plug  
Connector System Wire-to-Wire  
Connector & Contact Terminates To Wire & Cable  
Contact Type Socket

Configuration Features

Number of Positions 2  
Number of Rows 1  
Contact Layout Inline

Electrical Characteristics

Operating Voltage (VAC) 300

Contact Features

Contact Retention Without

Mechanical Attachment

Panel Mount Feature Without  
Mating Alignment Without  
Strain Relief Without  
Mating Alignment Type Polarization  
Mating Retention With  
Mating Retention Type Latch  
PCB Mount Retention Without

Housing Features

**Centerline (Pitch)** 3.96 mm [ .156 in ]  
**UL Flammability Rating** UL 94V-0  
**Housing Material** PA 6/6

Dimensions

**Length (mm)** 9.06  
**Height (mm)** 10.05

Usage Conditions

**Operating Temperature Range** -30 – 105 °C [ -22 – 221 °F ]  
**Sealed Condition** Not Sealed

Industry Standards

**Glow Wire Rating** Standard Part - Not Glow Wire

Packaging Features

**Packaging Method** Bag  
**Packaging Quantity** 1000

Other

**For Use With** Cap Housing  
**Comment** High Temperature Housing.

PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**  
PDF