



TE CONNECTIVITY (TE)

## UNIV POWER PLUG HSG 8P F/H

Power Double Lock | AMP Universal Power

176275-1

TE Internal Number: 176275-1

Always EU RoHS/ELV Compliant

Centerline **3.96 mm [ .156 in ]**

Number of Positions **8**

Number of Rows **2**

Row-to-Row Spacing **4.6 mm [ .181 in ]**

Mating Retention **With**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[AMP UNIVERSAL POWER CONN. 3.96MM PITCH HOUSING 8 POS \(DBL ROW\)](#)

PDF (TIFF AVAILABLE)  
English

[AMP UNIVERSAL POWER CONN. 3.96MM PITCH HOUSING 8 POS \(DBL ROW\)](#)

PDF (TIFF AVAILABLE)  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[3D PDF](#)

PDF  
English

### Product Specifications

Product Specification

[AMP Universal Power Connector](#)

PDF  
Japanese

[AMP Universal Power Connector](#)

TIF  
Japanese

Qualification Test Report

[XREF](#)

TIF  
English

[XREF](#)

PDF  
English

### Instruction Sheets

Instruction Sheet (non U.S.)

[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

TIF



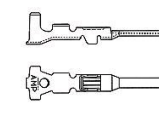

**AMP UNIVERSAL POWER CONNECTOR SERIES**

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	Row-to-Row Spacing	<b>4.6 mm [ .181 in ]</b>
	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	Sealed	<b>No</b>
	Connector Type	<b>Housing</b>
	Applies To	<b>Wire/Cable</b>
	Connector Style	<b>Plug</b>
	Connector System	<b>Wire-to-Wire</b>
	Product Type	<b>Connector</b>
Configuration Features	Number of Positions	<b>8</b>
	Number of Rows	<b>2</b>
Electrical Characteristics	Operating Voltage	<b>300 VAC</b>
	Insulation Resistance (MΩ)	<b>1000</b>
Contact Features	Contact Type	<b>Socket</b>
	Contact Base Material	<b>Copper Alloy</b>
	Contact Current Rating (A)	<b>7</b>
	Contact Layout	<b>Matrix</b>
Termination Features	Termination Method to Wire/Cable	<b>Crimp</b>
Mechanical Attachment	Mating Retention	<b>With</b>
	Mating Retention Type	<b>Latch</b>
	PCB Mount Retention	<b>Without</b>
	Panel Mount Retention	<b>Without</b>
	Mating Alignment	<b>With</b>
	Lock Type	<b>Latch</b>
	Mating Alignment Type	<b>Polarization</b>

Housing Features	Centerline	<b>3.96 mm [ .156 in ]</b>
	Housing Color	<b>Natural</b>
	Housing Material	<b>Nylon 6/6</b>
Dimensions	Height	<b>14.35 mm [ .46 in ]</b>
	Length	<b>19.3 mm [ .76 in ]</b>
Usage Conditions	Operating Temperature Range	<b>-30 – 105 °C [ -22 – 221 °F ]</b>
Operation/Application	For Use With	<b>Cap Housing</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Quantity	<b>1000</b>
	Packaging Method	<b>Bag/Box</b>
Product Compliance	<a href="#">Statement of Compliance PDF</a> <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	

## CUSTOMERS ALSO BOUGHT

<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p><b>AMP UNIVERSAL POWER PLUG 9P</b> 176276-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>WIRE-TO-BOARD CONNECTOR HOUSINGS</p>  <p><b>UNIV POWER CAP HSG 8P PANEL MT</b> 176296-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>AUTOMOTIVE, TRUCK, BUS, &amp; OFF-ROAD TERMINALS</p>  <p><b>MINI MIC FLA-ST-KON</b> 282109-3</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	<p>AUTOMOTIVE CONNECTOR LOCKS &amp; POSITION ASSURANCE</p>  <p><b>WEDGE LOCK W8S</b></p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>
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Products - 19 Results

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Relation Type ▼

RELATIONSHIP

## Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

### PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector  
Contacts  
Power Double Lock I AMP Universal Power  
**UNIVESAL POWER REC  
CONT #26-22 - 175151-4**  
TE INTERNAL NUMBER: 175151-4

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.12 – .35 mm<sup>2</sup>**

Contact Mating Area Plating

Material **Tin**

Packaging Method **Reel**



## RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

### PRODUCT - CONTACTS



Connectors - Power Contacts  
Power Double Lock I Grace Inertia  
**UNIV POWER REC CONT  
L/P - 175156-1**  
TE INTERNAL NUMBER: 175156-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Wire/Cable Size **20 – 16 AWG**

Wire/Cable Size **.5 – 1.42 mm<sup>2</sup>**

Circuit Application **Power**

Contact Type **Socket**



## RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

### PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector  
Contacts  
Power Double Lock I AMP Universal Power  
**AMP UNIVE. POWER  
CONN REC CONT  
- 175152-2**  
TE INTERNAL NUMBER: 175152-2  
ALIAS ID: 0-0175152-2

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size **20 – 16 AWG**

Wire/Cable Size **.5 – 1.42 mm<sup>2</sup>**

Contact Mating Area Plating

Material **Tin**

Contact Current Rating **12 A**

