



TE CONNECTIVITY (TE)

AMP UNIVERSAL POWER PLUG 6P

Power Double Lock | AMP Universal Power

176274-1

TE Internal Number: 176274-1
Alias ID: 0-0176274-1

Always EU RoHS/ELV Compliant

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

Number of Positions **6**

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 PLUG HOUSING 6 POS. \(DBL ROW\)](#)

PDF (TIFF AVAILABLE)
English

[AMP UNIVERSAL POWER CONN. 3.96MM PITCH PLUG HOUSING 6 POS. \(DBL ROW\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

[AMP Universal Power Connector](#)

PDF
Japanese

[AMP Universal Power Connector](#)

TIF
Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

TIF
English

[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

PDF

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	4.6 mm [.181 in]
	Glow Wire Rating	Standard Part - Not Glow Wire
	Sealed	No
	Connector Type	Housing
	Applies To	Wire/Cable
	Connector Style	Plug
	Connector System	Wire-to-Wire
	Strain Relief	Without
Product Type	Connector	

Configuration Features	Number of Positions	6
	Number of Rows	2

Electrical Characteristics	Operating Voltage	300 VAC
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Contact Features	Contact Type	Socket
	Contact Layout	Matrix

Termination Features	Termination Method to Wire/Cable	Crimp
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Mechanical Attachment	Mating Retention	With
	Mating Retention Type	Latch
	PCB Mount Retention	Without
	Mating Connector Lock	With
	Panel Mount Retention	Without
	Mating Connector Lock Type	Latch
	Mating Alignment	With
	Lock Type	Latch
Mating Alignment Type	Polarization	

Housing Features	Centerline	3.96 mm [.156 in]
	Housing Configuration	Both Ends Closed

Housing Color **Natural**

Housing Material **Nylon 6/6**

Usage Conditions Operating Temperature Range **-30 – 105 °C [-22 – 221 °F]**





Operation/Application For Use With **Cap Housing**

Industry Standards UL Flammability Rating **UL 94V-0**

Packaging Features Packaging Quantity **1000**
Packaging Method **Bag/Box**

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD CONNECTOR HOUSINGS	WIRE-TO-BOARD CONNECTOR CONTACTS
			
UNIV POWER CAP HSG 4P P/MOUNT 176294-1	AMP UNIVERSAL POWER CAP 6P 176285-1	UNIV POWER CAP HSG 3P P/MOUNT 176293-1	UNIV POWER TAB CONT L/P 175154-1
Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products	Save to List Find Similar Products

Products - 19 Results

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Compare 0/10 

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 | AMP Universal Power

Always EU RoHS/ELV Compliant

Contact Type **Socket**





AMP UNIVE. POWER CONN REC CONT - 175151-2

TE INTERNAL NUMBER: 175151-2
ALIAS ID: AMPS-0-0175151-2, CU3067-000

✓ Active

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.12 – .35 mm²**

Contact Mating Area Plating

Material **Tin**

Contact Current Rating **6 A**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector
Contacts

Power Double Lock | AMP Universal Power

AMP UNIVE. POWER CONN REC CONT - 175151-2

TE INTERNAL NUMBER: 175151-2
ALIAS ID: AMPS-0-0175151-2, CU3067-000

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.12 – .35 mm²**

Contact Mating Area Plating

Material **Tin**

Contact Current Rating **6 A**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Wire-to-Board Connector
Contacts

Power Double Lock | AMP Universal Power

AMP UNIVERSAL POWER REC CONT. - 175151-1

TE INTERNAL NUMBER: 175151-1

✓ Active

Always EU RoHS/ELV Compliant

Contact Type **Socket**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.12 – .35 mm²**

Contact Mating Area Plating

Material **Tin**

Contact Current Rating **6 A**

