

HOUSINGS



















PRODUCT DRAWING



3D PDF



AMP UNIVERSAL POWER PLUG 3P

Power Double Lock | AMP Universal Power

176272-1

TE Internal Number: 176272-1

Always EU RoHS/ELV Compliant

Centerline 3.96 mm [.156 in]

Number of Positions 3

Number of Rows 1

Color Natural

Mating Retention With

Product Drawings

AMP UNIVERSAL POWER CONN. 3.96MM PITCH PLUG HOUSING 3 POS. (SGL

ROW)

PDF (TIFF AVAILABLE)

English

AMP UNIVERSAL POWER CONN. 3.96MM PITCH PLUG HOUSING 3 POS. (SGL

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

2D_DXF.ZIP English

Customer View Model

3D_IGS.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

Japanese

Product Environmental Compliance

TE Material Declaration MD_176272-1_091820142312_dmtec

PDF **English**

AMP UNIVERSAL POWER CONNECTOR SERIES

TIF **English**

AMP UNIVERSAL POWER CONNECTOR SERIES

PDF **English**

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

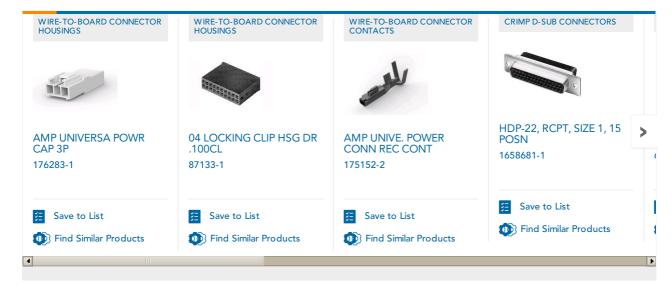
Product Type Features	Glow Wire Rating	Standard Part - Not Glow Wire
	Sealed	No
	Connector Type	Housing
	Applies To	Wire/Cable
	Connector Style	Plug
	Connector System	Wire-to-Wire
	Strain Relief	Without
	Product Type	Connector
Configuration Features	Number of Positions	3
	Number of Rows	1
Electrical Characteristics	Operating Voltage	300 VAC
Body Features	Color	Natural
Contact Features	Contact Type	Socket
	Contact Layout	Inline
Termination Features	Termination Method to Wire/Cable	Crimp
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
Dimensions	Height (mm)	9.65
	Length (mm)	13.02
	Wire/Cable Size (AWG)	20 – 16, 26 – 22
	Wire/Cable Size (mm²)	.129 – .326, .518 – 1.31
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

Statement of Compliance PDF **Product Compliance**

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT



Relation Type

RELATIONSHIP

Mating Products Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles Power Double Lock | AMP Universal Power

UNIV POWER HDR ASSY 3P BLUE - 3-176976-6 TE INTERNAL NUMBER: 3-176976-6

✓ Active

Always EU RoHS/ELV Compliant

Centerline 7.92 mm

Number of Positions 3

PCB Mounting Orientation

Vertical

PCB Mounting Style Through

Hole

Number of Rows 1

RELATIONSHIP

Mating Products

Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

Connectors - W-T-B Headers & Receptacles Power Double Lock | AMP Universal Power

AMP UNIVERSAL POWER PLG 3C PCB - 176976-1

TE INTERNAL NUMBER: 176976-1

✓ Active

Always EU RoHS/ELV Compliant

Centerline 3.96 mm

Number of Positions 3

PCB Mounting Orientation

Vertical

PCB Mounting Style **Through**

Hole

Number of Rows 1

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



