



TE CONNECTIVITY (TE)

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**

Active

PRODUCT DRAWING
English

3D PDF

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. \(SGL ROW\)](#)

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](#)

TIF
Japanese

Product Environmental Compliance

TE Material Declaration

[MD_176272-1_091820142312_dmtec](#)

PDF
English

Instruction Sheets

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 (mm ²)	.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
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 CONTACTS	CRIMP D-SUB CONNECTORS
			
AMP UNIVERSA POWR CAP 3P 176283-1	04 LOCKING CLIP HSG DR .100CL 87133-1	AMP UNIVE. POWER CONN REC CONT 175152-2	HDP-22, RCPT, SIZE 1, 15 POSN 1658681-1
Save to List Find Similar Products			

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 I 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 I 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 I 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

