



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## POWER DBL LOCK PLUG 2P RED

Power Double Lock | Power Double Lock

177898-2

TE Internal Number: 177898-2

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Board, Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[AMP POWER DOUBLE LOCK CONN. 3.96mm PITCH PLUG HOUSING 2 Pos \(SGL ROW\)](#)

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[SOFT\\_SHELL\\_PIN\\_AND\\_SOCKET\\_CONNECTORS\\_CATALOG](#)

PDF  
English

### Product Specifications

Product Specification

[AMP POWER DBL LOCK CONNECTOR](#)

PDF  
English

Qualification Test Report

[AMP Power DBL Lock Connector W-W Type](#)

TIF  
English

[AMP Power DBL Lock Connector W-W Type](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_177898-2\\_04202013242\\_dmtec](#)

PDF  
English

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## Instruction Sheets

Instruction Sheet (non U.S.)

### AMP POWER DOUBLELOCK CONNECTOR SERIES

PDF  
English

### AMP POWER DOUBLELOCK CONNECTOR SERIES

TIF  
English

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

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Product Type Features	Product Type	<b>Housing</b>
	Housing Type	<b>Plug</b>
	Contact Type	<b>Socket</b>
Configuration Features	Number of Positions	<b>2</b>
	Centerline	<b>3.96 mm [ .156 in ]</b>
	Number of Rows	<b>1</b>
	Contact Layout	<b>Inline</b>
Electrical Characteristics	Operating Voltage (VAC)	<b>300</b>
Termination Features	Wire Type	<b>Stranded</b>
	Wire/Cable Type	<b>Discrete Wire</b>
Housing Features	UL Flammability Rating	<b>UL 94V-0</b>
	Housing Color	<b>Red</b>
	Housing Material	<b>Nylon 6/6</b>
Usage Conditions	Sealed Condition	<b>Not Sealed</b>
Operation/Application	Connector System	<b>Wire-to-Board, Wire-to-Panel, Wire-to-Wire</b>
	Applies To	<b>Wire/Cable</b>
	Operating Temperature	<b>-30 – 105 °C [ 10 – 221 °F ]</b>
	Circuit Application	<b>Signal/Power</b>
Industry Standards	Glow Wire Rating	<b>Standard Part - Not Glow Wire</b>
	VDE Tested	<b>Yes</b>
	Agency/Standard Number	<b>C22.2 No. 182.3, UL 1977</b>

Agency/Standard

CNR, USR

Packaging Features

Packaging Method

Bag

Packaging Quantity

500

Other

For Use With

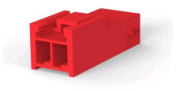



Cap: 177906, Contacts: 177914 or 177915, Contacts: 177916 or 177917, Header: 179838

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

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Products - 12 Results

[View All](#)

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Relation Type ▼

RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts  
AMP I Power Double Lock

**AMP POWER D/LOCK RECCONT. L/P**  
- 179593-1

TE INTERNAL NUMBER: 179593-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **10 A**

Wire/Cable Size **20 – 16 AWG**

Wire/Cable Size **.51 – 1.38 mm<sup>2</sup>**

Circuit Application **Power, Signal**



RELATIONSHIP

### Glow Wire Equivalent

Used to identify the Glow Wire Tested Equivalent Part

[See All Glow Wire Equivalent](#)



PRODUCT - GLOW WIRE EQUIVALENT

Connectors - Rectangular Power Connectors  
Power Double Lock | Power Double Lock

**PDL 2P PLUG 3.96(GWT)**

**RED - 2005247-2**

TE INTERNAL NUMBER: 2005247-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Panel, Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**



RELATIONSHIP

### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts  
AMP | Power Double Lock

**POWER D/LOCK REC**

**CONT. H/P L/P**

**- 179592-2**

TE INTERNAL NUMBER: 179592-2

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **5 A**

Wire/Cable Size **26 - 22 AWG**

Wire/Cable Size **.14 - .34 mm<sup>2</sup>**

Circuit Application **Power**

