



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

POWER DBL LOCK PLUG HSG 2P

Power Double Lock | Power Double Lock

177898-1

TE Internal Number: 177898-1

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

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

TIF
English

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

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_177898-1_09042014442_dmtec](#)
PDF
English

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.

Product Type Features

Product Type	Housing
Housing Type	Plug
Contact Type	Socket

Configuration Features

Number of Positions	2
Centerline	3.96 mm [.156 in]
Number of Rows	1
Contact Layout	Inline

Electrical Characteristics

Operating Voltage (VAC)	300
-------------------------	------------

Termination Features

Wire Type	Stranded
Wire/Cable Type	Discrete Wire

Housing Features

UL Flammability Rating	UL 94V-0
Housing Color	Natural
Housing Material	Nylon 6/6

Usage Conditions





Sealed Condition	Not Sealed
------------------	-------------------

Operation/Application

Connector System	Wire-to-Board, Wire-to-Panel, Wire-to-Wire
Applies To	Wire/Cable
Operating Temperature	-30 – 105 °C [-22 – 221 °F]
Circuit Application	Signal/Power

Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	Agency/Standard Number	C22.2 No. 182.3, UL 1977
	Agency/Standard	CNR, USR
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	500
Other	For Use With	Cap: 177906, Contacts: 177914 or 177915, Double Lock Plate 177918-1, Header: 179838
Product Compliance	Statement of Compliance PDF	
	VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR CONNECTOR LOCKING</p>  <p>POWER DBL LOCK PLATE 2P 177918-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>AMP POWER DBL LOCK REC (S) 177914-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>AMP POWER DBL LOCK REC (L) 177915-1</p> <p>Save to List Find Similar Products</p>	<p>POWER CONTACTS</p>  <p>FG TERMINAL 1743729-1</p> <p>Save to List Find Similar Products</p>
---	---	---	---

Products - 12 Results

[View All](#)

Compare 0/10


Relation Type ▼

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

	<p>PRODUCT - MATING PRODUCTS</p> <p>Connectors - Rectangular Power Connectors Power Double Lock Power Double Lock</p> <p>POWER DBL LOCK CAP HSG P/M 2P - 177906-1 TE INTERNAL NUMBER: 177906-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Receptacle</p> <p>Connector System Wire-to-</p>	<input checked="" type="checkbox"/>
---	---	--	-------------------------------------

Board, Wire-to-Panel, Wire-to-Wire

Applies To **Panel, Wire/Cable**

Number of Positions **2**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
AMPI Power Double Lock

**AMP POWER DBL LOCK
REC (S) - 177914-1**

TE INTERNAL NUMBER: 177914-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **5 A**

Operating Voltage **300 VAC**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.14 – .34 mm²**



RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Rectangular Power Connectors
Power Double Lock I Power Double Lock

**POWER DBL LOCK CAP
HSG F/H 2P - 179463-1**

TE INTERNAL NUMBER: 179463-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **2**

