



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

POWER DBL LOCK PLUG HSG 3P

Power Double Lock | Power Double Lock

177899-1

TE Internal Number: 177899-1

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 **3**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP POWER DOUBLE LOCK CONN 3.96MM PITCH PLUG HOUSING 3POS \(SGL ROW\)](#)

PDF
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

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_177899-1_01132016931_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	3
	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 [10 – 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
	Packaging Quantity	400

Other	For Use With	Cap: 177907 or 179464, Contacts: 177914 or 177915, Double Lock Plate 177919-1, Header: 179839, Header: 179844
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Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT


RECTANGULAR CONNECTOR LOCKING



POWER DBL LOCK PLATE 3P
177919-1

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POWER CONTACTS



AMP POWER DBL LOCK REC (S)
177914-1

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POWER CONTACTS



AMP POWER DBL LOCK REC (L)
177915-1

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[Find Similar Products](#)

POWER CONTACTS



FG TERMINAL
1743729-1

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Relation Type ▼

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

	<p>PRODUCT - CONTACTS</p> <p>Connectors - Power Contacts AMPI Power Double Lock</p> <p>AMP POWER DBL LOCK REC (S) - 177914-1 TE INTERNAL NUMBER: 177914-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Contact</p> <p>Contact Current Rating 5 A</p> <p>Operating Voltage 300 VAC</p> <p>Wire/Cable Size 26 – 22 AWG</p> <p>Wire/Cable Size .14 – .34 mm²</p>
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RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)



PRODUCT - CONTACTS

Connectors - Power Contacts
AMPI Power Double Lock

POWER D/LOCK REC CONT. H/P L/P - 179593-2

TE INTERNAL NUMBER: 179593-2

✓ 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 mm²**

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 I Power Double Lock

PDL 3P PLUG 3.96(GWT) NAT - 368571-1

TE INTERNAL NUMBER: 368571-1

✓ Active

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 **3**

