



# RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

## AMP POWER DBL LOCK PLUG HSG 3P

Power Double Lock | Power Double Lock

179938-1

TE Internal Number: 179938-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Wire**

Applies To **Wire/Cable**

Number of Positions **3**

Active

PRODUCT DRAWING  
English

3D PDF

### Product Drawings

[AMP POWER DBL LOCK CONN. 6.5MM PITCH PLUG HSG 3P \(SINGLE ROW\)](#)

PDF  
English

### CAD Files

[Customer View Model](#)

3D\_IGS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

[Customer View Model](#)

2D\_DXF.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

[Fan Motor I/O Connector](#)

TIF  
Japanese

[Fan Motor I/O Connector](#)

PDF  
Japanese

[AMP POWER DOUBLE LOCK CONNECTOR, 6.5mm PITCH, SMT HEADER](#)

PDF  
Japanese

[AMP POWER DOUBLE LOCK CONNECTOR, 6.5mm PITCH, SMT HEADER](#)

TIF  
Japanese

---

## Product Environmental Compliance

TE Material Declaration

[MD\\_179938-1\\_01062014024\\_dmtec](#)  
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

Product Type	<b>Housing</b>
Housing Type	<b>Plug</b>
Contact Type	<b>Socket</b>

---

### Configuration Features

Number of Positions	<b>3</b>
Centerline	<b>6.5 mm [ .255 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>Natural</b>
Housing Material	<b>Nylon 6/6</b>

---

### Usage Conditions

Sealed Condition	<b>Not Sealed</b>
------------------	-------------------

---

### Operation/Application

Connector System	<b>Wire-to-Wire</b>
Applies To	<b>Wire/Cable</b>
Operating Temperature	<b>-30 – 105 °C [ 12 – 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	<b>CNR, USR</b>

Packaging Features	Packaging Method	<b>Bag</b>
	Packaging Quantity	<b>150</b>





Other	For Use With	<b>Cap: 179846 or 179944, Cap: 917745 (13mm C/L), Contacts: 177914 or 177915, Double Lock Plate 316062-1, Header: 179846</b>
-------	--------------	--

Product Compliance

[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

POWER CONTACTS	RECTANGULAR POWER CONNECTORS	PCB LATCHES, LOCKS & RETAINERS	MOTOR TERMINALS
 <p><b>AMP POWER DBL LOCK REC (S)</b> 177914-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>GRACE INERTIA CONNECTOR 3.5 6P</b> 1565088-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>GRACE INERTIA CONNECTOR 3.5 3P</b> 1565090-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>	 <p><b>IGNITION PLUG CONTACT</b> 175065-1</p> <p><a href="#">Save to List</a> <a href="#">Find Similar Products</a></p>

Products - 11 Results

[View All](#)

[Compare 0/10](#)


Relation Type ▼

### RELATIONSHIP

#### Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS		
	<p>Connectors - Power Contacts AMPI Power Double Lock</p> <p><b>AMP POWER DBL LOCK REC (S) - 177914-1</b></p> <p>TE INTERNAL NUMBER: 177914-1</p> <p>✓ Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type <b>Contact</b></p> <p>Contact Current Rating <b>5 A</b></p> <p>Operating Voltage <b>300 VAC</b></p> <p>Wire/Cable Size <b>26 - 22 AWG</b></p> <p>Wire/Cable Size <b>.14 - .34 mm<sup>2</sup></b></p>

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



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

### AMP POWER D/LOCK T/HDR ASSY 3P - 179846-1

TE INTERNAL NUMBER: 179846-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Number of Positions **3**

UL Flammability Rating **UL 94V-0**



RELATIONSHIP

## Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts  
AMP | 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**

