



POWER CONTACTS



TE CONNECTIVITY (TE)

AMP POWER DBL LOCK TAB (L)

Power Double Lock | Power Double Lock

177917-1

TE Internal Number: 177917-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **10**

Wire/Cable Size (AWG) **20 – 16**

Wire/Cable Size (mm²) **.51 – 1.38**

Circuit Application **Power, Signal**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP POWER DOUBLE LOCK CONN. TAB CONT.](#)

PDF (TIFF AVAILABLE)
English

[AMP POWER DOUBLE LOCK CONN. TAB CONT.](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[3D PDF](#)

PDF
3D

[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

[1773458-5_POWER_DBL_LOCK_\(PDL\)_CONNECTORS](#)

PDF
English

Product Specifications

Product Specification

[Fan Motor I/O Connector](#)

TIF
Japanese

[Fan Motor I/O Connector](#)

PDF
Japanese

[AMP POWER DBL LOCK CONNECTOR](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_177917-1_090120152314_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

Contact

Electrical Characteristics

Contact Current Rating (A)

10

Contact Features

Contact Type

Tab

Contact Base Material

Copper Alloy

Contact Mating Area Plating Material

Pre-Tin

Contact Termination Area Plating Thickness

.8 – 1 µm [30 – 40 µin]

Termination Features

Wire/Cable Size (AWG)

20 – 16Wire/Cable Size (mm²)**.51 – 1.38**

Termination Type

Crimp

Mechanical Attachment

Contact Retention in Housing

With

Contact Retention in Housing Type

Locking Lance

Dimensions

Accepts Wire Insulation Diameter Range

1.8 – 3.1 mm [.071 – .12 in]

Operation/Application

Circuit Application

Power, Signal

Operating Temperature Range

-30 – 105 °C [-22 – 221 °F]

Connector System

Wire-to-Wire

Industry Standards





Glow Wire Rating

Standard Part - Not Glow Wire

Packaging Features	Packaging Method	Reel
	Packaging Quantity	4000
Other	Comment	Maximum insulation diameter is 2.8mm (.110) when Double Lock Plate is used.
	For Use With	Cap Housing
	Wire/Cable Type	Discrete Wire
	Wire Type	Stranded

Product Compliance [Statement of Compliance PDF](#)
[VIEW ALL PRODUCT COMPLIANCE](#)

CUSTOMERS ALSO BOUGHT

<p>RECTANGULAR POWER CONNECTORS</p>  <p>POWER DBL LOCK CAP HSG F/H 2P 179463-1</p> <p>Save to List Find Similar Products</p>	<p>CRIMP RINGS & SPADES</p>  <p>RING IS 18-14 10 .020TPBR 41333</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>POWER DBL LOCK PLUG HSG 4P 177900-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>POWER DBL LOCK CAP HSG P/M 4P 177908-1</p> <p>Save to List Find Similar Products</p>
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Products - 50 Results

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Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS



Connectors - Rectangular Power Connectors
 Power Double Lock I Power Double Lock
**POWER DBL LOCK CAP
 HSG P/M 4P - 177908-4**
 TE INTERNAL NUMBER: 177908-4

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

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

Applies To **Panel, Wire/Cable**

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS

Connectors - Rectangular Connector Housings
Power Double Lock | Power Double Lock**AMP POWER DBL LOCK
CAP HSG 8P - 179467-4**

TE INTERNAL NUMBER: 179467-4

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Wire**Centerline **3.96 mm**Number of Positions **8**Number of Rows **2**Housing Material **Nylon 6/6**

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

PRODUCT - HOUSINGS

Connectors - Rectangular Power Connectors
Power Double Lock | Power Double Lock**POWER DBL LOCK CAP
HSG P/M 2P - 177906-1**

TE INTERNAL NUMBER: 177906-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Housing**Housing Type **Receptacle**Connector System **Wire-to-Board, Wire-to-Panel, Wire-to-Wire**Applies To **Panel, Wire/Cable**Number of Positions **2**