



POWER CONTACTS



TE CONNECTIVITY (TE)

AMP POWER DBL LOCK REC (S)

AMP | Power Double Lock

177914-1

TE Internal Number: 177914-1

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating (A) **5**

Operating Voltage (VAC) **300**

Wire/Cable Size (AWG) **26 – 22**

Wire/Cable Size (mm²) **.14 – .34**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP POWER DUBLE LOCK CONN. REC. CONT.](#)

PDF (TIFF AVAILABLE)
English

[AMP POWER DUBLE LOCK CONN. REC. 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

[AMP POWER DBL LOCK CONNECTOR](#)

PDF
English

[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_177914-1_03312015413_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)	5
	Operating Voltage (VAC)	300
Contact Features	Contact Type	Socket
	Contact Base Material	Copper Alloy
	Contact Mating Area Plating Material	Pre-Tin
	Contact Mating Area Plating Thickness	.8 – 1 µm [31.49 – 39.37 µin]
	Contact Termination Area Plating Thickness	.8 – 1 µm [30 – 40 µin]
Termination Features	Wire/Cable Size (AWG)	26 – 22
	Wire/Cable Size (mm ²)	.14 – .34
	Termination Type	Crimp
Mechanical Attachment	Contact Retention in Housing	With
	Contact Retention in Housing Type	Locking Lance
Dimensions	Accepts Wire Insulation Diameter Range	1.3 – 2 mm [.051 – .079 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	5000
Other	For Use With	Plug 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>AMP POWER DBL LOCK PLUG HSG 3P 179938-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>AMP POWER D/LOCK PLUG HSG 6P 179862-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR POWER CONNECTORS</p>  <p>POWER D/LOCK PLUG HSG 10P 177904-1</p> <p>Save to List Find Similar Products</p>	<p>RECTANGULAR CONNECTOR LOCKING</p>  <p>POWER DBL LOCK PLATE 3P /6.5MM 316062-1</p> <p>Save to List Find Similar Products</p>
---	---	--	--

Products - 60 Results

[View All](#) [Compare 0/10](#)


Relation Type ▼

RELATIONSHIP

Housings

Identifies Housings compatible with a given Contact

[See All Housings](#)

	<p>PRODUCT - HOUSINGS</p> <p>Connectors - Rectangular Power Connectors Power Double Lock Power Double Lock</p> <p>POWER DBL LOCK PLUG HSG 2P - 177898-1 TE INTERNAL NUMBER: 177898-1</p> <p>Active</p>	<p>Always EU RoHS/ELV Compliant</p> <p>Product Type Housing</p> <p>Housing Type Plug</p> <p>Connector System Wire-to-Board, Wire-to-Panel, Wire-to-</p>	<input checked="" type="checkbox"/>
---	---	--	-------------------------------------

Wire

Applies To **Wire/Cable**

Number of Positions **2**

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
PLUG HSG 8P - 177902-4**

TE INTERNAL NUMBER: 177902-4

✓ Active

Always EU RoHS/ELV Compliant

Connector System **Wire-to-Board, 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 Connector Housings
Power Double Lock | Power Double Lock

**POWER DBL LOCK PLUG
HSG 3P - 3-177899-1**

TE INTERNAL NUMBER: 3-177899-1

✓ Active

Always EU RoHS/ELV Compliant

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

Centerline **3.96 mm**

Number of Positions **3**

Number of Rows **3**

Housing Material **Nylon 6/6**

