



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

POWER DBL LOCK CAP HSG P/M 12P

Power Double Lock | Power Double Lock

177913-1

TE Internal Number: 177913-1

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Receptacle**

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

Applies To **Panel, Wire/Cable**

Number of Positions **12**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP POWER DBL LOCK CONN, 3.96mm PITCH CAP HOUSING 12 Pos \(PANEL MOUNT\)](#)

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

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

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English

Product Specifications

Product Specification

[AMP POWER DBL LOCK CONNECTOR](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_177913-1_01212015220_dmtec](#)

PDF
English

Instruction Sheets

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	Receptacle
	Contact Type	Tab
Configuration Features	Number of Positions	12
	Centerline	3.96 mm [.156 in]
	Number of Rows	3
	Row-to-Row Spacing (in)	.181, 4.6
	Contact Layout	Matrix
Electrical Characteristics	Operating Voltage (VAC)	300
Termination Features	Wire Type	Stranded
	Wire/Cable Type	Discrete Wire
Mechanical Attachment	Panel Mount Retention Type	Latches
	Panel Mount Retention	With
Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	Panel Thickness	.8 – 2 mm [.031 – .078 in]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Panel, Wire-to-Wire
	Applies To	Panel, Wire/Cable
	Operating Temperature	-40 – 105 °C [-40 – 221 °F]

	Circuit Application	Signal/Power
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	Agency/Standard Number	UL 1977
	Agency/Standard	UL
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	150
Other	For Use With	Contacts: 177916 or 177917, Double Lock Plate 177920-1, Plug: 177905 or 1318809
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS

3.96 EP PLUG HSG 11P(NATURAL)
1-1123722-1

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RECTANGULAR POWER CONNECTORS

2P VAL-U-LOK VRT HDR W/P V0
1586040-2

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RECTANGULAR POWER CONNECTORS

3.96 EP PLUG HSG 10P(NATURAL)
1-1123722-0

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RECTANGULAR POWER CONNECTORS

AMP POWER DBL LOCK PLUG HSG 8P
177902-1

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Relation Type ▼

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 POWER DBL LOCK PLUG HSG 12P - 177905-1	Always EU RoHS/ELV Compliant Product Type Housing Housing Type Plug
		<input checked="" type="checkbox"/>



TE INTERNAL NUMBER: 177905-1

✓ Active

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

Applies To **Wire/Cable**

Number of Positions **12**

RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
Power Double Lock | Power Double Lock

**AMP POWER D/LOCK
TAB CONT. L/P
- 179595-1**

TE INTERNAL NUMBER: 179595-1

✓ 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 mm²**

Circuit Application **Power, Signal**



RELATIONSHIP

Contacts

Identifies Contacts compatible with a given Housing

[See All Contacts](#)

PRODUCT - CONTACTS



Connectors - Power Contacts
Power Double Lock | Power Double Lock

**AMP POWER DBL LOCK
TAB (S) - 177916-1**

TE INTERNAL NUMBER: 177916-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Contact**

Contact Current Rating **5 A**

Wire/Cable Size **26 – 22 AWG**

Wire/Cable Size **.14 – .34 mm²**

Circuit Application **Power, Signal**

