

## RECTANGULAR POWER CONNECTORS



PRODUCT DRAWING

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English

🛃 3D PDF

### 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

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
	PDF 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

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# AMP POWER DOUBLELOCK CONNECTOR SERIES PDF English

AMP POWER DOUBLELOCK CONNECTOR SERIES TIF English

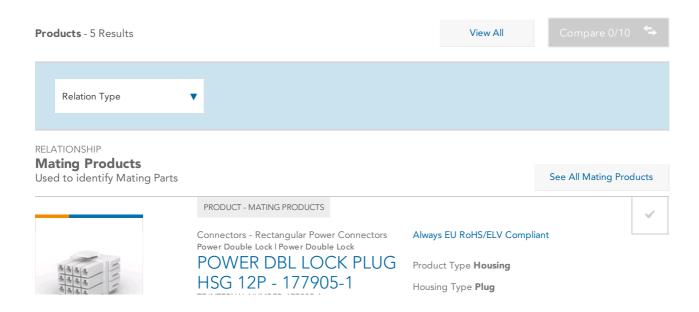
Please review product documents or **contact us** for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type Housing Type Contact Type	Housing Receptacle Tab
Configuration Features	Number of Positions Centerline Number of Rows Row-to-Row Spacing (in)	12 3.96 mm [ .156 in ] 3 .181, 4.6
Electrical Characteristics	Contact Layout Operating Voltage (VAC)	Matrix 300
Termination Features	Wire Type Wire/Cable Type	Stranded Discrete Wire
Mechanical Attachment	Panel Mount Retention Type Panel Mount Retention	Latches With
Housing Features	UL Flammability Rating Housing Color Housing Material	UL 94V-0 Natural Nylon 6/6
Dimensions	Panel Thickness	.8 – 2 mm [ .031 – .078 in ]
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System Applies To Operating Temperature	Wire-to-Panel, Wire-to-Wire Panel, Wire/Cable -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	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS
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8.96 EP PLUG HSG 11P(NATURAL) 1-1123722-1	2P VAL-U-LOK VRT HDR W/P V0 1586040-2	3.96 EP PLUG HSG 10P(NATURAL) 1-1123722-0	AMP POWER DBL LOCK PLUG HSG 8P 177902-1
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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



PRODUCT - CONTACTS

Connectors - Power Contacts Power Double Lock I 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 mm<sup>2</sup>** Circuit Application **Power, Signal** 

RELATIONSHIP **Contacts** Identifies Contacts compatible with a given Housing



PRODUCT - CONTACTS

Connectors - Power Contacts Power Double Lock I 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 mm**<sup>2</sup> Circuit Application **Power, Signal**  See All Contacts

See All Contacts