

RECTANGULAR POWER CONNECTORS





















PRODUCT DRAWING



3D PDF



Power Double Lock | Power Double Lock

177909-1 TE Internal Number: 177909-1

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 6

Product Drawings

AMP POWER DBL LOCK CONN, 3.96mm PITCH CAP HOUSING 6 Pos (PANEL

MOUNT) 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**

1773458-5_POWER_DBL_LOCK_(PDL)_CONNECTORS

PDF **English**

Product Specifications

Product Specification AMP POWER DBL LOCK CONNECTOR

English

Product Environmental Compliance

TE Material Declaration MD_177909-1_062920151257_dmtec

English

AMP POWER DOUBLELOCK CONNECTOR SERIES

PDF English

AMP POWER DOUBLELOCK CONNECTOR SERIES

TIF English

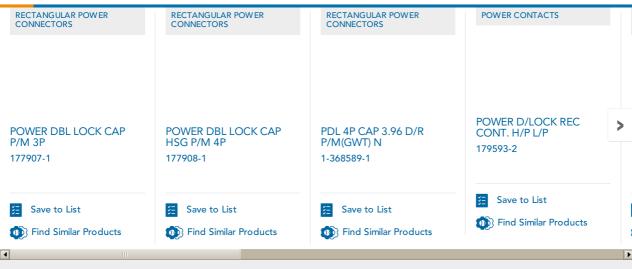
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

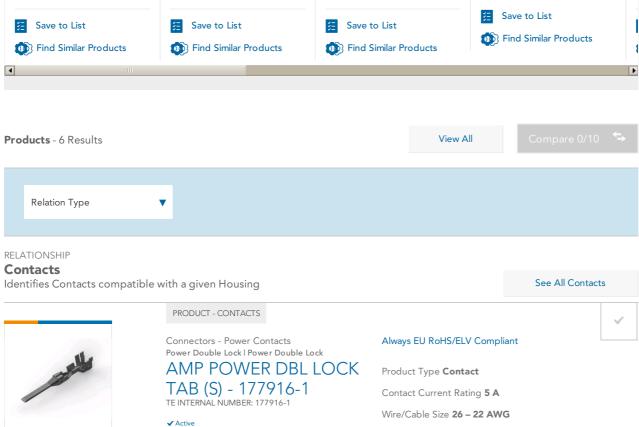
Product Type Features	Product Type	Housing
	Housing Type	Receptacle
	Contact Type	Tab
Configuration Features	Number of Positions	6
	Centerline	3.96 mm [.156 in]
	Number of Rows	2
	Row-to-Row Spacing (in)	.181, 4.6
	Contact Layout	Matrix
Electrical Characteristics	Operating Voltage (VAC)	300
Termination 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	-30 – 105 °C [-22 – 221 °F]

	Circuit Application	Signal/Power
Industry Standards	Glow Wire Rating Agency/Standard	Standard Part - Not Glow Wire UL
Packaging Features	Packaging Method Packaging Quantity	Bag 100
Other	For Use With	Contacts: 177916 or 177917, Double Lock Plate 177919-1, Plug: 177901
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT





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 (L) - 177917-1 TE INTERNAL NUMBER: 177917-1

✓ 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 D/LOCK TAB CONT. L/P - 179594-1

TE INTERNAL NUMBER: 179594-1

✓ 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

