

RECTANGULAR POWER CONNECTORS











Power Double Lock | Power Double Lock



TE Internal Number: 177900-1

Always EU RoHS/ELV Compliant

Product Type Housing

Housing Type Plug

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

Applies To Wire/Cable

Number of Positions 4





PRODUCT DRAWING



3D PDF

Product Drawings

AMP POWER DOUBLE LOCK CONN. 3.96mm PITCH PLUG HOUSING 4 Pos (DBL

ROW) PDF English

CAD Files

Customer View Model

3D_STP.ZIP English

Customer View Model

2D_DXF.ZIP English

Customer View Model

3D_IGS.ZIP English

3D PDF

PDF **English**

Catalog Pages/Data Sheets

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

PDF **English**

Product Specifications

Qualification Test Report

Product Specification AMP POWER DBL LOCK CONNECTOR

PDF **English**

AMP Power DBL Lock Connector W-W Type

English

AMP Power DBL Lock Connector W-W Type

PDF **English**

Product Environmental Compliance

TE Material Declaration

MD_177900-1_01212015220_dmtec

PDF **English**

Instruction Sheets

Instruction Sheet (non U.S.)

AMP POWER DOUBLELOCK CONNECTOR SERIES

PDF **English**

AMP POWER DOUBLELOCK CONNECTOR SERIES

TIF English

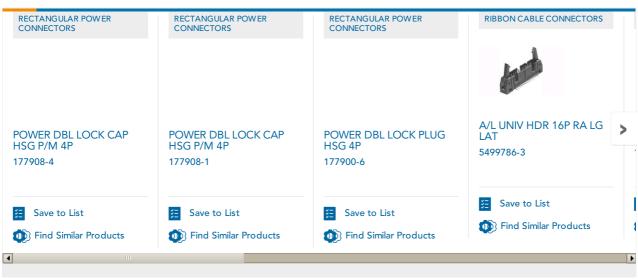
Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

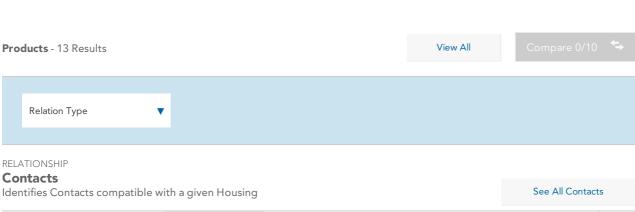
Product Type Features	Product Type Housing Type Contact Type	Housing Plug Socket
Configuration Features	Number of Positions Centerline Number of Rows Row-to-Row Spacing (in) Contact Layout	4 3.96 mm [.156 in] 2 .181, 4.6 Matrix
Electrical Characteristics	Operating Voltage (VAC)	50, 300
Termination Features	Wire Type Wire/Cable Type	Stranded Discrete Wire
Housing Features	UL Flammability Rating Housing Color Housing Material	UL 94V-0 Natural Nylon 6/6
Dimensions	Height (mm)	20.6
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System Applies To Operating Temperature Circuit Application	Wire-to-Board, Wire-to-Wire Wire/Cable -30 – 105 °C [-22 – 221 °F] Signal/Power

Identification Marking	Circuit Identification Feature	With
Industry Standards	Glow Wire Rating	Standard Part - Not Glow Wire
	VDE Tested	Yes
	Agency/Standard	CSA
Packaging Features	Packaging Method	Bag
	Packaging Quantity	300
Other	For Use With	Cap: 177908 or 179465, Contacts: 177914 or 177915, Double Lock Plate 177918-1, Header: 179840
Product Compliance	Statement of Compliance	

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT







Connectors - Power Contacts

AMP | Power Double Lock

AMP POWER D/LOCK

PRODUCT - CONTACTS

Always EU RoHS/ELV Compliant

Product Type **Contact**



RECCONT. L/P - 179593-1
TE INTERNAL NUMBER: 179593-1

✓ Active

Contact Current Rating 10 A

Wire/Cable Size 20 - 16 AWG

Wire/Cable Size .51 - 1.38 mm²

Circuit Application Power, Signal

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

AMP POWER D/LOCK T/HDR ASSY 4P - 179840-1

TE INTERNAL NUMBER: 179840-1

✓ Active

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating 9 A

Number of Positions 4

RELATIONSHIP

Glow Wire Equivalent

Used to identify the Glow Wire Tested Equivalent Part

See All Glow Wire Equivalent



PRODUCT - GLOW WIRE EQUIVALENT

Connectors - Rectangular Connector Housings Power Double Lock | Power Double Lock

PDL 4P PLUG 3.96 D/R(GWT) NAT - 368575-1

TE INTERNAL NUMBER: 368575-1

✓ Active

Always EU RoHS/ELV Compliant

Connector System Wire-to-

Board, Wire-to-Panel, Wire-to-

Wire

Centerline 3.96 mm

Number of Positions 4

Number of Rows 2

Housing Material PA 66

