+ CONNECTORS

RECTANGULAR POWER CONNECTORS

TE CONNECTIVITY (TE)

POWER DBL LOCK CAP HSG P/M 6P

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**

✔ Active

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

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
PDF
English

Product Environmental Compliance

TE Material Declaration

MD_177909-1_062920151257_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**
	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	**Standard Part - Not Glow Wire**
	Agency/Standard	**UL**

Packaging Features	Packaging Method	**Bag**
	Packaging Quantity	**100**

Other	For Use With	**Contacts: 177916 or 177917, Double Lock Plate 177919-1, Plug: 177901**

Product Compliance	Statement of Compliance PDF

VIEW ALL PRODUCT COMPLIANCE

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	POWER CONTACTS
POWER DBL LOCK CAP P/M 3P	POWER DBL LOCK CAP HSG P/M 4P	PDL 4P CAP 3.96 D/R P/M(GWT) N	POWER D/LOCK REC CONT. H/P L/P
177907-1	177908-1	1-368589-1	179593-2
Save to List	Save to List	Save to List	Save to List
Find Similar Products	Find Similar Products	Find Similar Products	Find Similar Products

Products - 6 Results

View All   Compare 0/10 ⇆

Relation Type   ▼

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**

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**

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**