

# **RECTANGULAR POWER CONNECTORS**

















**PRODUCT DRAWING** 



3D PDF

TE CONNECTIVITY (TE)

## AMP POWER D/LOCK T/HDR ASSY 4P

Power Double Lock | Power Double Lock

179840-1

TE Internal Number: 179840-1

Always EU RoHS/ELV Compliant

Product Type **Header** 

Connector System Wire-to-Board

Applies To Printed Circuit Board

Contact Current Rating (A) 9

Number of Positions 4

**Product Drawings** 

AMP POWER DBL LOCK CONN 3.96 Mm PITCH 4P HEADER ASS'Y V TYPE

PDF **English** 

**CAD Files** 

Customer View Model

2D DXF.ZIP

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** 

**Product Specifications** 

**Product Specification** AMP POWER DBL LOCK CONNECTOR

PDF

English

Qualification Test Report AMP Power DBL Lock Connector W-B Type

English

AMP Power DBL Lock Connector W-B Type

PDF **English** 

Instruction Sheets

Instruction Sheet (non U.S.)

AMP POWER DOUBLELOCK CONNECTOR SERIES

PDF English

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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	Header
	Contact Type	Tab
	Header Type	Shrouded
Configuration Features	Number of Positions	4
	Centerline	3.96 mm [ .156 in ]
	PCB Mounting Orientation	Vertical
	Number of Rows	2
	Row-to-Row Spacing	4.6 mm [ .181 in ]
	Contact Layout	Matrix
Electrical Characteristics	Contact Current Rating (A)	9
	Operating Voltage (VAC)	50
Contact Features	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	1 μm [ 39.37 μin ]
Termination Features	Wire/Cable Size (AWG)	20 – 16
	Termination Method to Wire/Cable	Solder
	Termination Method to PC Board	Through Hole - Solder
	Termination Post/Tail Length	3.8 mm [ .148 in ]
Mechanical Attachment	Mating Alignment	With
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Mounting Posts
	Mating Alignment Type	Polarization
	PCB Mount Alignment	With
	Mating Retention Type	Latch
Housing Features	UL Flammability Rating	UL 94V-0

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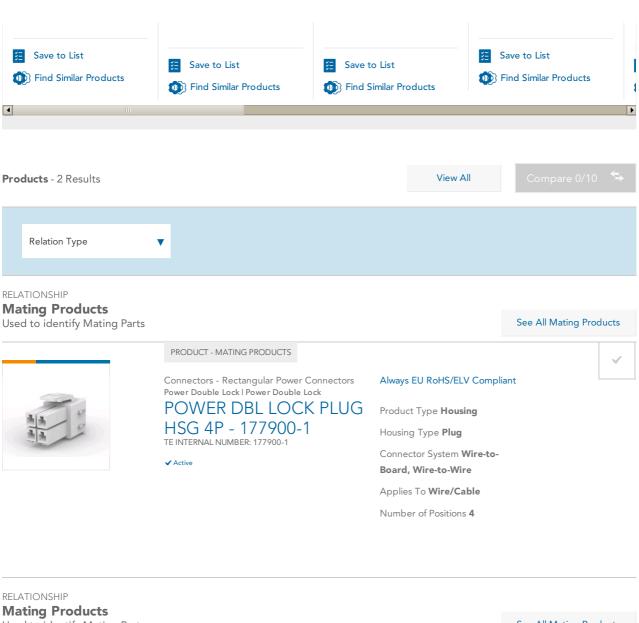
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	Housing Color Housing Material	Natural Nylon 6/6 GF
Dimensions	Insulation Diameter (Max)  Width (mm)  Height (mm)  PCB Thickness (Recommended)  Length (mm)	3.1 mm [ .122 in ] 13.6 14.6 1.6 mm [ .063 in ] 14.8
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System  Applies To  Operating Temperature  Circuit Application	Wire-to-Board  Printed Circuit Board  -30 – 105 °C [-22 – 221 °F]  Signal/Power
Industry Standards	Glow Wire Rating  VDE Tested  Agency/Standard Number  Agency/Standard	Glow Wire Yes E28476 CSA, UL
Packaging Features	Packaging Method Packaging Quantity	Box 392
Other	For Use With	Plug: 177900
Product Compliance	Statement of Compliance	

# **CUSTOMERS ALSO BOUGHT**



VIEW ALL PRODUCT COMPLIANCE



### **Mating Products** Used to identify Mating Parts

See All Mating Products



PRODUCT - MATING PRODUCTS

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

POWER DBL LOCK PLUG HSG 4P - 3-177900-1

TE INTERNAL NUMBER: 3-177900-1

✓ Active

#### Always EU RoHS/ELV Compliant

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

Insertion Force **High** 

Centerline 3.96 mm

Row-to-Row Spacing 4.6 mm

Number of Positions 4