



RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

AMP POWER D/LOCK T/HDR ASSY 6P

Power Double Lock | Power Double Lock

179849-1

TE Internal Number: 179849-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Contact Current Rating (A) **14**

Number of Positions **6**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP POWER DBL LOCK CONN 6.5 Mm PITCH 6P HEADER ASS'Y V TYPE](#)

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

Product Specifications

Product Specification

[AMP POWER DBL LOCK CONNECTOR](#)

PDF
English

Qualification Test Report

[AMP Power DBL Lock Connector W-B Type](#)

TIF
English

[AMP Power DBL Lock Connector W-B Type](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_179849-1_0219201425_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	Header
Contact Type	Tab
Header Type	Shrouded

Configuration Features

Number of Positions	6
Centerline	6.5 mm [.256 in]
PCB Mounting Orientation	Vertical
Number of Rows	2
Row-to-Row Spacing	6.5 mm [.256 in]
Contact Layout	Matrix

Electrical Characteristics

Contact Current Rating (A)	14
Operating Voltage (VAC)	300

Contact Features

Contact Termination Area Plating Material	Tin
Contact Termination Area Plating Thickness	1 µm [39.37 µin]

Termination Features

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
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Posts
Mating Retention Type	Latch
Mating Alignment Type	Polarization

Housing Features	UL Flammability Rating	UL 94V-0
	Housing Color	Natural
	Housing Material	Nylon 6/6 GF
Dimensions	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Width (mm)	15.9
	Height (mm)	14.6
	Length (mm)	17.3
Usage Conditions	Sealed Condition	Not Sealed
Operation/Application	Connector System	Wire-to-Board
	Applies To	Printed Circuit Board
	Operating Temperature	-30 – 105 °C [-22 – 221 °F]
	Circuit Application	Signal/Power
Industry Standards	Glow Wire Rating	Glow Wire
	Agency/Standard	UL
	Agency/Standard Number	UL 1977
Packaging Features	Packaging Method	Box
	Packaging Quantity	168
Other	For Use With	Plug: 179862
Product Compliance	Statement of Compliance PDF VIEW ALL PRODUCT COMPLIANCE	

CUSTOMERS ALSO BOUGHT

RECTANGULAR POWER CONNECTORS	RECTANGULAR POWER CONNECTORS	BNC CONNECTORS	MOTOR TERMINAL HOUSINGS
<p>AMP POWER D/LOCK T/HDR ASSY 6P 179841-1</p>	<p>AMP POWER TAB HDR ASSY 8P V 917845-1</p>	<p>RECEPTACLE, PRESS FIT, COML BNC 5222462-1</p>	<p>110 S CIR FAST HSG NAT N 1-480417-0</p>

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Relation Type

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 PLUG HSG 6P - 179862-1

TE INTERNAL NUMBER: 179862-1

Active

Always EU RoHS/ELV Compliant

Product Type **Housing**

Housing Type **Plug**

Connector System **Wire-to-Board**

Applies To **Wire/Cable**

Number of Positions **6**

