



CONNECTORS

RECTANGULAR POWER CONNECTORS



TE CONNECTIVITY (TE)

AMP POWER D/LOCK T/HDR ASSY 3P

Power Double Lock | Power Double Lock

179846-1

TE Internal Number: 179846-1

Always EU RoHS/ELV Compliant

Product Type **Header**

Connector System **Wire-to-Board**

Applies To **Printed Circuit Board**

Number of Positions **3**

UL Flammability Rating **UL 94V-0**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**



Product Drawings

[AMP POWER DBL LOCK CONN 6.5 Mm PITCH 3P HEADER ASS'Y V TYPE](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
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_179846-1_022520152218_dmtec PDF English
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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	3
	Centerline	6.5 mm [.255 in]
	PCB Mounting Orientation	Vertical
	Number of Rows	1
	Contact Layout	Inline
Electrical Characteristics	Operating Voltage (VAC)	300
Contact Features	Contact Termination Area Plating Material	Tin
	Contact Termination Area Plating Thickness	1 μm [39.37 μin]
Termination Features	Wire/Cable Size (AWG)	26 – 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
	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

Dimensions	Accepts Wire Insulation Diameter Range (mm)	3.1
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Width (mm)	9.4
	Height (mm)	14.5
	Length (mm)	10.8

Usage Conditions	Sealed Condition	Not Sealed
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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	CNR, UL
	VDE Tested	Yes
	Agency/Standard Number	C22.2 No. 182.3, E28476

Packaging Features	Packaging Method	Tray, Tray/Box
	Packaging Quantity	240

Other	For Use With	Contacts: 177914 or 177915, Plug
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Product Compliance [Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

