



HEADERS & RECEPTACLES



TE CONNECTIVITY (TE)

UNIV. POWER HDR H 4P 3.96MM NA

Power Double Lock | AMP Universal Power

178497-1

TE Internal Number: 178497-1

Always EU RoHS/ELV Compliant

Centerline **3.96 mm [.156 in]**

Number of Positions **4**

PCB Mounting Orientation **Right Angle**

PCB Mounting Style **Through Hole**

Number of Rows **1**

Active

PRODUCT DRAWING
English

3D PDF

Product Drawings

[AMP UP CONN. 3.96MM PITCH 4-6POS TAB HEADER ASS'Y \(H TYPE\)](#)

PDF (TIFF AVAILABLE)
English

[AMP UP CONN. 3.96MM PITCH 4-6POS TAB HEADER ASS'Y \(H TYPE\)](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[3D PDF](#)

PDF
English

Product Specifications

Product Specification

[AMP Universal Power Connector](#)

PDF
Japanese

[AMP Universal Power Connector](#)

TIF
Japanese

Instruction Sheets

Instruction Sheet (non U.S.)

[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

TIF
English

[AMP UNIVERSAL POWER CONNECTOR SERIES](#)

PDF
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	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	Connector Type	Header
	Connector System	Wire-to-Board
	Glow Wire Rating	Standard Part - Not Glow Wire
	Applies To	Printed Circuit Board
	Sealed	No

Configuration Features	Number of Positions	4
	Number of Rows	1
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage (VAC)	50
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Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	1 µm [39.37 µin]
	Contact Type	Tab
	Underplate Material	Nickel
	Tail Plating Thickness	1 µm [39.37 µin]
	Contact Transmits (Typical)	Power
	Underplate Material Thickness	.8 – 3 µm, 31.496 – 118.11 µin
	Contact Current Rating (A)	10
	Contact Layout	Inline
	Contact Style	Right Angle
	Contact Shape	Square
	Tail Plating Material	Tin
	Contact Termination Area Plating Material	Tin
Contact Base Material	Brass	

Termination Features	Termination Method to PC Board	Through Hole - Solder
	Termination Method to Wire/Cable	Solder

Mechanical Attachment	PCB Mounting Style	Through Hole
	PCB Mount Alignment	With
	PCB Mount Alignment Type	Locating Posts
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Contact Retention	Without
	Mating Alignment Type	Polarization
	Mating Retention Type	Latch
Housing Features	Centerline	3.96 mm [.156 in]
	Housing Color	Natural
	Housing Material	Nylon 6/6
Dimensions	Tail Length	3.8 mm [.148 in]
	Tab Width	.047 in, 1.2 mm
	PCB Thickness (Recommended)	1.6 mm [.063 in]
	Length	9.4 mm [.37 in]
	Height	9.55 mm [.38 in]
Usage Conditions	Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]
Operation/Application	For Use With	Plug Housing
Industry Standards	UL Flammability Rating	UL 94V-0
Packaging Features	Packaging Method	Bag/Box
	Packaging Quantity	200
Other	Comment	3.96mm Pitch W-B

Product Compliance

[Statement of Compliance](#)
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

