



# RIBBON CABLE CONNECTORS



TE CONNECTIVITY (TE)

## 016 UNIV HDR SP 4S 15DP STD L2

AMP-LATCH | Universal Headers

499910-3

TE Internal Number: 499910-3

5 of 6 EU RoHS/ELV Compliant

[Find Compliant Alternatives](#)

Centerline **2.54 mm [ .1 in ]**

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole - Solder**

Shrouded **Yes**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**

### Product Drawings

[HEADER ASSY, UNIVERSAL, AMP-LATCH](#)

PDF  
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-LATCH And IDC Header Connectors, .100 X .100 Inch Grid](#)

PDF  
English

Qualification Test Report

[Connector, AMP-LATCH Header, .100 X .100 Inch Grid](#)

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_499910-3\\_123020141040\\_dmtec](#)

PDF  
English

### Instruction Sheets

Instruction Sheet (U.S.)

[AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE](#)

PDF  
English

[AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER](#)

## ASSEMBLIE

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.

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Product Type Features	PCB Mounting Orientation	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Receptacle</b>
	Profile	<b>Standard</b>
	Applies To	<b>Printed Circuit Board</b>
	Product Type	<b>Connector</b>
	Board Standoff	<b>Without</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Board-to-Board</b>
	Ejection Latches	<b>With</b>
	Latch Type	<b>Short</b>

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Configuration Features	Number of Positions	<b>16</b>
	Number of Rows	<b>2</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (M $\Omega$ )	<b>5000</b>

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Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Universal Ejection Pin Headers</b>
	Daisy Chain	<b>Without</b>

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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Design	<b>Solder Dip</b>
	Contact Shape	<b>Square</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin-Lead</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Brass</b>
	Contact Mating Area Plating Thickness ( $\mu$ in)	<b>15</b>

	Contact Type	<b>Pin</b>
	Contact Termination Area Plating Material	<b>Tin-Lead</b>
Termination Features	Termination Method to PC Board	<b>Through Hole - Solder</b>
	Termination Post Length	<b>2.79 mm [ .11 in ]</b>
Mechanical Attachment	PCB Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Center, Dual Polarizing Bar</b>
	Mating Connector Lock	<b>With</b>
	Mating Connector Lock Type	<b>Latch</b>
	Mating Alignment	<b>With</b>
	Polarization	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	PCB Mount Alignment	<b>With</b>
Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Style	<b>4-Sided</b>
	Housing Material	<b>Thermoplastic</b>
Dimensions	Height	<b>13.94 mm [ .55 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
Usage Conditions	Temperature Rating	<b>Standard</b>
	Operating Temperature Range (°C)	<b>-65 – 105</b>
Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>56</b>
Product Compliance	<a href="#">Statement of Compliance</a> PDF <a href="#">VIEW ALL PRODUCT COMPLIANCE</a>	