



CONNECTORS

## RIBBON CABLE CONNECTORS



### TE CONNECTIVITY (TE) A/L UNIV HDR 34P VERT AMP-LATCH | Universal Headers

5102153-8  
TE Internal Number: 5102153-8

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Vertical**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

✓ Active

↓ **PRODUCT DRAWING**  
English

↓ **3D PDF**



### Product Drawings

**HEADER ASSY, UNIVERSAL, AMP-LATCH**

PDF  
English

### CAD Files

**3D PDF**

PDF  
English

**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

**Ribbon Cable Interconnect Solutions**

PDF  
English

**7-1773458-6\_AMPLATCH\_QRG**

PDF  
English

## Product Specifications

Product Specification	<a href="#">AMP-LATCH And IDC Header Connectors, .100 X .100 Inch Grid</a> PDF English
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## Product Environmental Compliance

TE Material Declaration	<a href="#">MD_5102153-8_111320152241_dmtec</a> PDF English
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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	<b>Vertical</b>
	Shrouded	<b>Yes</b>
	Row-to-Row Spacing	<b>2.54 mm [ .1 in ]</b>
	Connector Style	<b>Plug</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>Wire-to-Board</b>
Ejection Latches	<b>Without</b>	

Configuration Features	Number of Positions	<b>34</b>
	Number of Rows	<b>2</b>

Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>1000 – 5000</b>

Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Universal Ejection Pin Headers</b>

Contact Features	Contact Mating Area Plating Material	<b>Gold Flash over Palladium Nickel, Gold</b>
	Contact Shape	<b>Square</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin over Nickel</b>
	Contact Current Rating (A)	<b>1</b>

Contact Base Material	<b>Phosphor Bronze</b>
Contact Mating Area Plating Thickness (µin)	<b>15</b>
Contact Type	<b>Pin</b>
Contact Termination Area Plating Material	<b>Tin</b>
Contact Termination Area Plating Thickness	<b>2.54 µm [ 100 µin ]</b>

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Termination Features	Termination Method to PC Board	<b>Through Hole</b>
	Termination Post Length	<b>2.79 mm [ .11 in ]</b>

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Mechanical Attachment	PCB Mount Retention	<b>Without</b>
	Mating Alignment Type	<b>Center, Dual Polarizing Bar</b>
	Mating Connector Lock	<b>Without</b>
	Mating Connector Lock Type	<b>Ejection Latch</b>
	Mating Alignment	<b>With</b>
	Polarization	<b>With</b>
	Panel Mount Retention	<b>Without</b>
	Mating Retention	<b>With</b>
PCB Mount Alignment	<b>Without</b>	

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Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Black</b>
	Housing Style	<b>4-Sided</b>
	Housing Entry Style	<b>Top</b>
	Housing Material	<b>Nylon - GF</b>

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Dimensions	Height	<b>13.94 mm [ .55 in ]</b>
	Length	<b>62.48 mm [ 2.46 in ]</b>
	PCB Thickness (Recommended)	<b>1.57 mm [ .062 in ]</b>
	Shrouded End Dimension	<b>3.81 mm [ .15 in ]</b>

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Usage Conditions	Temperature Rating	<b>High</b>
	Operating Temperature Range (°C)	<b>-65 – 105</b>

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Operation/Application	For Use With	<b>AMP-Latch Receptacle</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features

Packaging Method

**Tray**

Packaging Quantity

**50**

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Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

