



# RIBBON CABLE CONNECTORS



Active

PRODUCT DRAWING  
English

3D PDF

TE CONNECTIVITY (TE)

## A/L UNIV HDR 34P RA LG LAT BLUE

AMP-LATCH | Universal Headers

2-5499141-8

TE Internal Number: 2-5499141-8

Always EU RoHS/ELV Compliant

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

PCB Mount Retention **Without**

PCB Mounting Orientation **Right Angle**

Termination Method to PC Board **Through Hole**

Shrouded **Yes**

### Product Drawings

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

PDF  
English

### CAD Files

[3D PDF](#)

PDF  
3D

[Customer View Model](#)

2D\_DXF.ZIP  
English

[Customer View Model](#)

3D\_GS.ZIP  
English

[Customer View Model](#)

3D\_STP.ZIP  
English

### Product Specifications

Product Specification

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

PDF  
English

### Product Environmental Compliance

TE Material Declaration

[MD\\_2-5499141-8\\_071320122215](#)

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**

Shrouded

**Yes**

	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>With</b>
	Latch Type	<b>Long</b>
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Configuration Features	Number of Positions	<b>34</b>
	Number of Rows	<b>2</b>
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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
	Insulation Resistance (MΩ)	<b>5000</b>
<hr/>		
Body Features	Post Size	<b>.64 mm [ .025 in ]</b>
	Header Type	<b>Universal Ejection Pin Headers</b>
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Contact Features	Contact Mating Area Plating Material	<b>Gold</b>
	Contact Mating Area Plating Thickness	<b>.76 μm [ 30 μin ]</b>
	Contact Design	<b>Square Post</b>
	Contact Transmits (Typical)	<b>Signal (Data)</b>
	Solder Tail Contact Plating Material	<b>Tin</b>
	Contact Current Rating (A)	<b>1</b>
	Contact Base Material	<b>Phosphor Bronze</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</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>
Mating Retention	<b>With</b>
PCB Mount Alignment	<b>Without</b>

Housing Features	Centerline	<b>2.54 mm [ .1 in ]</b>
	Housing Color	<b>Blue</b>
	Housing Style	<b>4-Sided</b>
	Housing Material	<b>Glass Filled Nylon/Polyester</b>

Dimensions	Height	<b>13.94 mm [ .548 in ]</b>
	Length	<b>62.48 mm [ 2.46 in ]</b>
	Shrouded End Dimension	<b>3.81 mm [ .15 in ]</b>

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

Operation/Application	For Use With	<b>Mates with Receptacles</b>
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Industry Standards	UL Flammability Rating	<b>UL 94V-0</b>
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Packaging Features	Packaging Method	<b>Tray</b>
	Packaging Quantity	<b>24</b>

Product Compliance


[Statement of Compliance PDF](#)

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 11 Results

[View All](#)

[Compare 0/10](#) 

Relation Type 

RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
AMP-LATCH - NOVO

**636-3441LF FEM SOCKET,  
LEAD FREE - 1658528-6**  
TE INTERNAL NUMBER: 1658528-6

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **34**

Connector Style **Receptacle**



RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
AMP-LATCH - NOVO

**609-3441CELF=FSKT IDC  
S 34 30A - 3-6437021-6**  
TE INTERNAL NUMBER: 3-6437021-6

✓ Active

Always EU RoHS/ELV Compliant

Number of Positions **34**

Connector Style **Receptacle**



RELATIONSHIP

## Mating Products

Used to identify Mating Parts

[See All Mating Products](#)



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Cable Connectors  
AMP-LATCH | AMP-LATCH - NOVO

**34 NOVO MIL 15DP,  
LEAD FREE - 1658620-8**  
TE INTERNAL NUMBER: 1658620-8

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

PCB Mount Retention **Without**

PCB Mounting Orientation

**Vertical**

Termination Method to PC Board

**Through Hole - Solder**

Termination Method to

Wire/Cable **Insulation**

**Displacement Crimp (IDC)**



PRODUCT - MATING PRODUCTS

Connectors - Ribbon Connector Accessories  
AMP-LATCH | AMP-LATCH - NOVO

**034 STRAIN RELIEF A-L  
RCPT - 499252-6**  
TE INTERNAL NUMBER: 499252-6

ALIAS ID: 1108436, 2-42933-5038

✓ Active

Always EU RoHS/ELV Compliant

Accessory Type **Strain Relief**

