

# A/L UNIV HDR 26P VERT ✓ ACTIVE

AMP-LATCH | AMP-LATCH Universal Headers

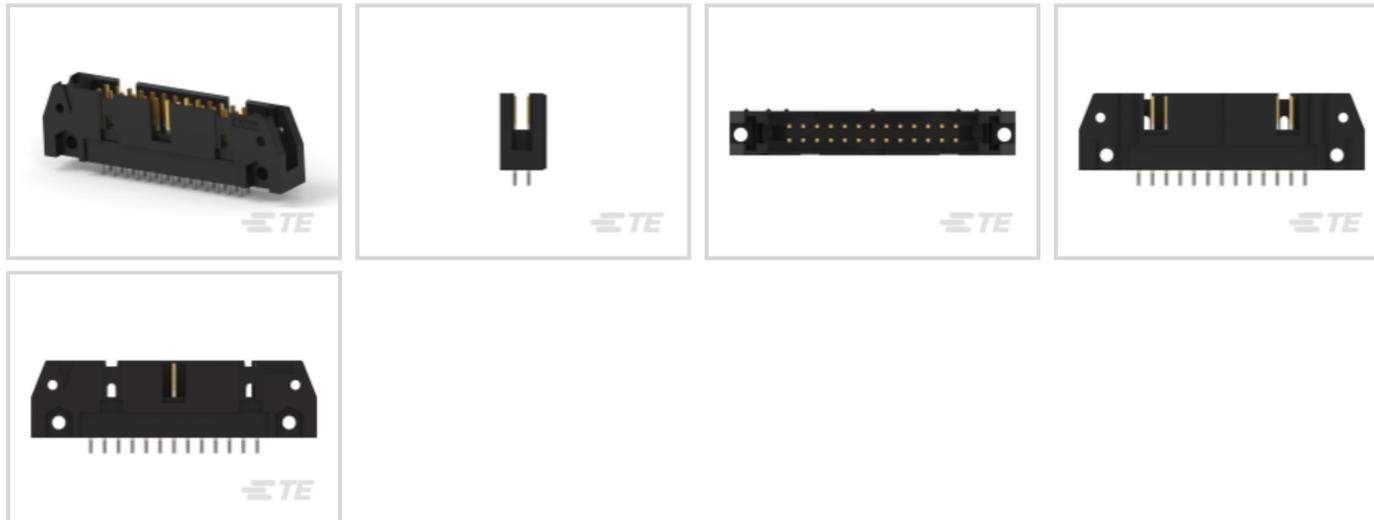
TE Part # 5102154-6

TE Internal #: 5102154-6

[View on TE.com >](#)



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



Connector System: **Wire-to-Board**

Number of Positions: **26**

Centerline (Pitch): **2.54 mm [ .1 in ]**

PCB Mount Retention: **With**

PCB Mount Retention Type: **Screw Mount**

## Features

### Product Type Features

Product Type	Connector
Board Standoff	Without
Connector Type	Header
Header Type	Universal Ejection Pin Headers
Connector System	Wire-to-Board
Row-to-Row Spacing	2.54 mm[.1 in]
Connector Style	Plug
Profile	Standard
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Ejection Latches	Without
Number of Positions	26
PCB Mount Orientation	Vertical
Number of Rows	2

### Electrical Characteristics



Insulation Resistance	1000 – 5000 MΩ
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Operating Voltage	250 VAC
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### Body Features

Post Size	.64 mm[.025 in]
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### Contact Features

	30 μin
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Contact Termination Area Plating Material	Tin
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Contact Transmits (Typical)	Signal (Data)
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Contact Termination Area Plating Thickness	2.54 μm[100 μin]
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Contact Type	Pin
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Contact Mating Area Plating Material	Gold Flash, Gold
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Contact Shape	Square
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Contact Underplating Material	Nickel
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PCB Contact Termination Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	1 A
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### Termination Features

Termination Post Length	2.79 mm[.11 in]
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Termination Method to Printed Circuit Board	Through Hole
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### Mechanical Attachment

Polarization	With
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Mating Retention	With
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Mating Alignment	With
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PCB Mount Alignment	Without
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Panel Mount Feature	Without
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PCB Mount Retention	With
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PCB Mount Retention Type	Screw Mount
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Mating Alignment Type	Center, Dual Polarizing Bar
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Mating Connector Lock	Without
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Mating Connector Lock Type	Ejection Latch
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Connector Mounting Type	Board Mount
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### Housing Features



Housing Style	4-Sided
Mating Entry Location	Top
Housing Material	Nylon - GF
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]

### Dimensions

Length	52.32 mm[2.06 in]
Height	13.94 mm[.55 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Shrouded End Dimension	3.81 mm[.15 in]

### Usage Conditions

Temperature Rating	High
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

### Operation/Application

For Use With	AMP-Latch Receptacle
Circuit Application	Signal

### Industry Standards

UL Flammability Rating	UL 94V-0
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### Packaging Features

Packaging Quantity	60
Packaging Method	Tray

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2019 (197) Candidate List Declared Against: JAN 2018 (181)
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts



Ribbon Cable Connectors  
(10)



Ribbon Connector  
Accessories(3)

### Also in the Series | AMP-LATCH Universal Headers



Ribbon Cable Connectors  
(526)



Ribbon Connector  
Accessories(14)

### Customers Also Bought



TE Part #5102154-4  
A/L UNIV HDR 20P VERT



TE Part #1-102387-1  
60 MODIV HSG COMP DR  
.100 POL



TE Part #5102154-1  
A/L UNIV HDR 10P VERT



TE Part #5-103673-3  
4 MTE HDR SRRA LATCH  
W/HLDWN



## Documents

### Product Drawings

[A/L UNIV HDR 26P VERT](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_5102154-6\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5102154-6\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5102154-6\\_C.3d\\_stp.zip](#)

English

### Datasheets & Catalog Pages

[Ribbon Cable Interconnect Solutions](#)

English

[AMPMODU\\_INTERCONNECTION\\_SYSTEM\\_SECTION5](#)

English

### Product Specifications

[Product Specification](#)

English

### Product Environmental Compliance



[TE Material Declaration](#)

English

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[Agency Approvals](#)

[Agency Approval Document](#)

English