

A/L UNIV HDR 14P RA SHT LAT BLUE

✓ ACTIVE

AMP-LATCH | AMP-LATCH Universal Headers

TE Part # 2-5499376-2

TE Internal #: 2-5499376-2

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



Connector System: **Board-to-Board**
Number of Positions: **14**
Centerline (Pitch): **2.54 mm [.1 in]**
PCB Mount Retention: **Without**
PCB Mount Retention Type: **Mounting Ears**

Features

Product Type Features

Product Type	Connector
Latch Type	Short
Board Standoff	Without
Connector Type	Header
Header Type	Universal Ejection Pin Headers
Connector System	Board-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	With
Number of Positions	14
PCB Mount Orientation	Right Angle
Number of Rows	2

Electrical Characteristics

Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC

Body Features

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

	30 µin
Contact Termination Area Plating Material	Tin
Contact Transmits (Typical)	Signal (Data)
Contact Termination Area Plating Thickness	2.54 µm
Contact Type	Pin
Contact Mating Area Plating Material	Gold
Contact Shape	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	1 A

Termination Features

Termination Post Length	3.94 mm[.155 in]
Termination Method to Printed Circuit Board	Through Hole

Mechanical Attachment

Polarization	With
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Mounting Ears
Mating Alignment Type	Center, Dual Polarizing Bar
Mating Connector Lock	With
Mating Connector Lock Type	Latch
Connector Mounting Type	Board Mount

Housing Features

Housing Style	4-Sided
Housing Material	Glass Filled Nylon/Polyester
Housing Color	Blue
Centerline (Pitch)	2.54 mm[.1 in]



Dimensions

Length	37.08 mm[1.459 in]
Height	13.94 mm[.549 in]
PCB Thickness (Recommended)	3.18 mm[.125 in]
Shrouded End Dimension	3.81 mm[.15 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	56
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

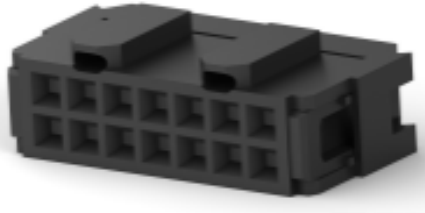
Product Compliance Disclaimer

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

 TE Part # 1658527-5 622-1430LF FEM SOCKT, LEAD FREE	 TE Part # 1658623-2 14 NOVO MIL 30DP, LEAD FREE	 TE Part # 1658621-2 14 NOVO MIL/CTR 15DP, LEAD FREE	 TE Part # 1658624-2 014 NOVO DUAL 30DP FT
 TE Part # 1658620-2 14 NOVO MIL 15DP, LEAD FREE	 TE Part # 1658526-8 609-1430LF FEM SOCKT, LEAD FREE	 TE Part # 1658622-2 14 NOVO MIL/CTR 30DP, LEAD FREE	 TE Part # 1-1658528-2 636-1430LF=FEM SKT BLADE POL 1

Also in the Series | AMP-LATCH Universal Headers

 Ribbon Cable Connectors (526)	 Ribbon Connector Accessories(14)
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Customers Also Bought

A/L UNIV HDR 14P RA SHT LAT BLUE

TE Part # 2-5499376-2
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TE Part #794880-1
09P UMNL PIN HDR ASSY
94VO

TE Part #1-213928-1
CPC PSTD RCPT ASSY SZ
20-14 LF

TE Part #794878-1
03P UMNL PIN HDR ASSY
94VO

TE Part #1586610-1
04p mini umnl assy r/a sn
spcl

TE Part #1-147534-2
12 MODI BDMNT RCPT
SR INK STMP

TE Part #1-87633-2
12 MODI HDR SRST .156CL

TE Part #1-87633-8
18 MODI HDR SRST .156CL

TE Part #1-87654-8
18 MODI HDR SRRA .
156CL

TE Part #2-5499376-8
A/L UNIV HDR 34P RA SHT
LAT BLUE

TE Part #3-641212-8
08P MTA100 HDR ASSY PL
RA LF

Documents

Product Drawings

A/L UNIV HDR 14P RA SHT LAT BLUE

English

CAD Files

Customer View Model

ENG_CVM_2-5499376-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_2-5499376-2_E.3d_stp.zip

English

Customer View Model

ENG_CVM_2-5499376-2_E.2d_dxf.zip

English

3D PDF

English

Product Specifications

Product Specification



English

[Product Environmental Compliance](#)

[TE Material Declaration](#)

English