

AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 5499374-8

AMP-LATCH Universal Headers, Ribbon Cable Connectors, Wire-to-Board, 34 Position, 2.54mm [.1in] Centerline, Vertical, Through Hole

- Solder

View on TE.com >



Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > AMP-LATCH UNIVERSAL HEADERS











Connector System: Wire-to-Board

Number of Positions: 34

Centerline (Pitch): 2.54 mm [.1 in]
PCB Mount Retention: Without

PCB Mount Retention Type: Mounting Ears

All AMP-LATCH UNIVERSAL HEADERS (525)

Features

Product Type Features

Froduct Type reatures	
Connector Type	Header
Ribbon Cable Connector Header Type	Universal Ejection Pin Headers
Connector Mating Latch & Lock Type	Short
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Positions	34
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics



Cornector Profile Standard Contact Features Matting Square Post Dimension 64 num[025 in] PCB Contact Tormination Area Plating Material Thickness 2.54 µm[100 µn] Contact Type Pin 30 µim Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A ermination Features Reund Termination Post & Tail Length 3.94 nm, 1.55 in Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Alignment Post Retention With Mating Retention With Mating Retention Mounting Type Board Mount Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Mousing Features Housing Colon Black		
Cornector Profile Standard Contact Features Matting Square Post Dimension 64 num[025 in] PCB Contact Tormination Area Plating Material Thickness 2.54 µm[100 µn] Contact Type Pin 30 µim Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A ermination Features Reund Termination Post & Tail Length 3.94 nm, 1.55 in Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Alignment Post Retention With Mating Retention With Mating Retention Mounting Type Board Mount Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Mousing Features Housing Colon Black	Insulation Resistance	5000 ΜΩ
Connector Profile Contact Features Mating Squere Post Dimension PCB Contact Termination Area Plating Material Thickness 2.54 pm/100 pin Contact Type Pin 30 pin Contact Mating Area Plating Material Contact Mating Area Plating Material Contact Shape & Form Square PCB Contact Termination Area Plating Material Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A emination Features Round Termination Post & Tail Diameter Associated Attachment Mating Alignment With PCB Mount Alignmant PCB Mount Retention PCB Mount Retention Type Mount Retention Type Mount Retention Type Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Type Connector Mounting Teatures Housing Material Class Filled Nylon/Polyester Housing Material Class Filled Nylon/Polyester	Operating Voltage	250 VAC
Mating Square Post Dimension	Body Features	
Mating Square Post Dimension PCB Contact Termination Area Plating Material Thickness 2.54 µm[100 µin] Contact Type Pin 30 µin Contact Mating Area Plating Material Contact Shape & Form Square PCB Contact Termination Area Plating Material Contact Shape & Form PCB Contact Termination Area Plating Material Tin Contact Base Material Contact Gurrent Rating (Max) 1 A Permination Features Round Termination Post & Tail Diameter 64 mm[,025 in] Termination Post & Tail Diameter 64 mm[,025 in] Termination Method to Printed Circuit Board Achanical Attachment Mating Alignment With PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Type Mating Alignment Type Mating Retention With Mating Retention Type Seption Latch Mating Retention Type Board Mount Mating Retention Type Gonnector Mounting Type Board Mount Ousing Features Housing Material Class Filled Nylon/Polyester Black	Connector Profile	Standard
PCB Contact Termination Area Plating Material Thickness 2.54 µm[100 µin] Contact Type Pin 30 µin Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A ermination Features Round Termination Post & Tail Diameter 64 mm[,025 in] Termination Post & Tail Length 3.94 mm[,155 in] Termination Method to Printed Circuit Board Through Hole Solder Mechanical Attachment Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention Type Mounting Lars Mating Alignment Type Center, Dual Polarizing Bar Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Mounting Type Board Mount Mating Retention Type Golden Mating Retention Special Special Special Special Mount Mating Retention Special Speci	Contact Features	
Contact Type Pin 30 μin Contact Mating Area Plating Material Gold Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Rase Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A Formination Features Round Termination Post & Tail Diameter Additional Post & Tail Diameter Additional Post & Tail Length Additional Post & Tail Length Through Hole - Solder Mechanical Attachment Without Printed Circuit Board Without PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention Without PCB Mount Retention Type Mount Retention With Mating Alignment Type Center, Dual Polarizing Bar Mating Alignment Type Ejection Latch Connector Mounting Type Board Mount Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Mounting Type Board Mount Mounting Type Board Mount Mounting Features Housing Material Glass Filled Nylon/Polyester Black	Mating Square Post Dimension	.64 mm[.025 in]
Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A remination Features Round Termination Post & Tail Diameter .64 mm[.025 in] Termination Post & Tail Length 3.94 mm[.155 in] Termination Method to Printed Circuit Board Through Hole - Solder Mating Alignment Without Panel Mount Alignment Without PCB Mount Retention Without PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Type Board Mount Retention Type Gonnector Mounting Type Board Mount Mating Retention Type Board Mount Mounting Type Board Mount Mounting Features Housing Material Black	PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material Gold Contact Shape & Form Square PCB Contact Termination Area Plating Material Tin Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A emination Features Round Termination Post & Tail Diameter .64 mm[.025 in] Termination Post & Tail Length 3.94 mm[.155 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention Without PCB Mount Retention Without PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Retention With Mating Retention Type Board Mount Mounting Type Board Mount Mounting Type Board Mount Mounting Features Housing Material Glass Filled Nylon/Polyester Housing Material Black	Contact Type	Pin
Contact Shape & Form PCB Contact Termination Area Plating Material Contact Base Material Contact Base Material Contact Current Rating (Max) 1 A Femination Features Round Termination Post & Tail Diameter Termination Post & Tail Length 3.94 mm[.025 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment With PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention PCB Mount Retention With Retention Type Mating Alignment Type Mating Alignment Type Mating Retention Mating Retention Type Mating Retention Type Mating Retention Type Mating Retention Type Gonnector Mounting Type Board Mount Housing Features Housing Material Housing Material Housing Material Housing Color		30 µin
PCB Contact Termination Area Plating Material Contact Base Material Contact Current Rating (Max) 1 A remination Features Round Termination Post & Tail Diameter Round Termination Post & Tail Length 3.94 mm[.025 in] Termination Method to Printed Circuit Board Rechanical Attachment With Mating Alignment Without Panel Mount Feature PCB Mount Retention PCB Mount Retention Type Mating Alignment Type Mating Alignment Type Mating Retention Type Mating Retention Type Mating Retention Type Board Mounting Ears Mating Retention Type Mating Retention Type Genter, Dual Polarizing Bar Mating Retention Type Board Mount Board Material Board Mylon/Polyester Board Material Board Mylon/Polyester	Contact Mating Area Plating Material	Gold
Contact Base Material Brass, Phosphor Bronze Contact Current Rating (Max) 1 A emination Features Round Termination Post & Tail Diameter .64 mm[.025 in] Termination Post & Tail Length 3.94 mm[.155 in] Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Mating Alignment Without PCB Mount Alignment Without PCB Mount Retention Without PCB Mount Retention Type Mounting Fars Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Connector Mounting Type Glass Filled Nylon/Polyester Housing Material Glass Filled Nylon/Polyester Housing Color	Contact Shape & Form	Square
Contact Current Rating (Max) In A	PCB Contact Termination Area Plating Material	Tin
Round Termination Post & Tail Diameter .64 mm[.025 in] Termination Post & Tail Length .3.94 mm[.155 in] Termination Method to Printed Circuit Board .Through Hole - Solder Mechanical Attachment Mating Alignment .Without Panel Mount Feature .Without PCB Mount Retention Type .Mounting Ears Mating Alignment Type .Center, Dual Polarizing Bar Mating Retention Type .Board Mount Mating Retention Type .Board Mount Mating Retention Type .Board Mount Mounting Features Housing Features Housing Material .Glass Filled Nylon/Polyester Housing Color	Contact Base Material	Brass, Phosphor Bronze
Round Termination Post & Tail Diameter Termination Post & Tail Length 3.94 mm[.025 in] Termination Method to Printed Circuit Board Through Hole - Solder With Without PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Material Housing Color Black	Contact Current Rating (Max)	1 A
Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Mating Alignment PCB Mount Alignment Without Panel Mount Feature Without PCB Mount Retention PCB Mount Retention Type Mating Alignment Type Mating Retention With Mating Retention Type Mounting Ears Mating Retention Type Mounting Ears Mating Retention Type Seption Latch Connector Mounting Type Board Mount Mousing Features Housing Material Housing Color Black	Termination Features	
Termination Method to Printed Circuit Board Mechanical Attachment Mating Alignment PCB Mount Alignment Without PCB Mount Retention PCB Mount Retention Type Mating Alignment Type Mounting Retention With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Mousing Features Housing Material Housing Color Through Hole - Solder With Strip Alignment Without Center, Dual Polarizing Bar With Glass Filled Nylon/Polyester Housing Color	Round Termination Post & Tail Diameter	.64 mm[.025 in]
Mechanical Attachment Mating Alignment Mount Alignment Panel Mount Feature Without PCB Mount Retention Without PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Type With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Mousing Features Housing Material Housing Color Black	Termination Post & Tail Length	3.94 mm[.155 in]
Mating Alignment 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 Retention With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Color Black	Termination Method to Printed Circuit Board	Through Hole - Solder
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 Retention With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Color Black	Mechanical Attachment	
Panel Mount Feature PCB Mount Retention PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Retention Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Bousing Features Housing Material Housing Color Without Mounting Ears Board Mount Glass Filled Nylon/Polyester Black	Mating Alignment	With
PCB Mount Retention Type Mounting Ears Mating Alignment Type Center, Dual Polarizing Bar Mating Retention With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Material Glass Filled Nylon/Polyester Housing Color Black	PCB Mount Alignment	Without
PCB Mount Retention Type Mating Alignment Type Center, Dual Polarizing Bar Mating Retention With Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Color Black	Panel Mount Feature	Without
Mating Alignment Type Mating Retention Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Color Black	PCB Mount Retention	Without
Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Color Black	PCB Mount Retention Type	Mounting Ears
Mating Retention Type Ejection Latch Connector Mounting Type Board Mount Housing Features Housing Material Glass Filled Nylon/Polyester Housing Color Black	Mating Alignment Type	Center, Dual Polarizing Bar
Connector Mounting Type Board Mount Housing Features Housing Material Housing Color Black	Mating Retention	With
Housing Features Housing Material Housing Color Black	Mating Retention Type	Ejection Latch
Housing Material Housing Color Glass Filled Nylon/Polyester Black	Connector Mounting Type	Board Mount
Housing Color Black	Housing Features	
	Housing Material	Glass Filled Nylon/Polyester
Centerline (Pitch) 2.54 mm[.1 in]	Housing Color	Black
	Centerline (Pitch)	2.54 mm[.1 in]



Dimensions

Shrouded End Dimension	3.81 mm[.15 in]
Connector Length	62.48 mm[2.459 in]
Connector Height	13.94 mm[.549 in]
PCB Thickness (Recommended)	3.18 mm[.125 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal	
	2.9.13.	

Industry Standards

UL Flammability Rating	UL 94V-0	

Packaging Features

Packaging Quantity	24
Packaging Method	Box

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
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 Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts





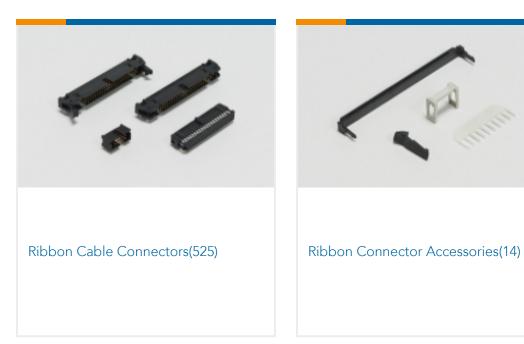








Also in the Series | AMP-LATCH Universal Headers

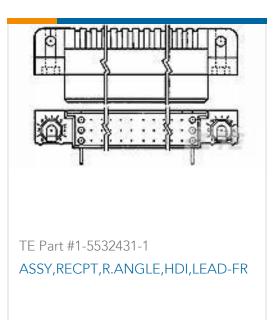


Customers Also Bought

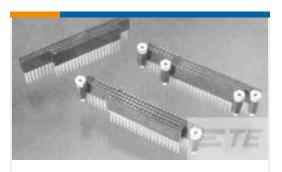












TE Part #1375793-2 PC104 ASY 2S/0 STKTHRU UNKEYED







Documents

Product Drawings

A/L UNIV HDR 34P VERT SHT LAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5499374-8_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5499374-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5499374-8_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

Product Specifications

Product Specification

English

Product Environmental Compliance

TE Material Declaration

English