5499206-7 - ACTIVE

AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 5499206-7 AMP-LATCH Universal Headers, Ribbon Cable Connectors, Wire-to-Board, 30 Position, .1 in [2.54 mm] Centerline, Vertical, Through Hole - Solder, 2 Row

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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: 30

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

PCB Mount Retention: Without

PCB Mount Orientation: Vertical

All AMP-LATCH UNIVERSAL HEADERS (525)



Features

Product Type Features

Connector Type	Header
Ribbon Cable Connector Header Type	Universal Ejection Pin Headers
Connector Mating Latch & Lock Type	Long
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	30
PCB Mount Orientation	Vertical
Number of Rows	2

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Insulation Resistance	5000 MΩ
Operating Voltage	250 VAC
Body Features	
Connector Profile	Standard
Contact Features	
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Type	Pin
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Contact Mating Area Plating Material	Gold
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Termination Features	
Round Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.79 mm[.11 in]

Through Hole - Solder

Mating Alignment	With
PCB Mount Alignment	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Alignment Type	Center, Dual Polarizing Bar
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Glass Filled Nylon/Polyester
Housing Color	Black
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	

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Shrouded End Dimension	3.81 mm[.15 in]
Connector Length	57.4 mm[2.26 in]
Connector Height	13.94 mm[.548 in]
PCB Thickness (Recommended)	1.57 mm[.062 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
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	18
Packaging Method	Tray
Other	

Product Compliance

Comment

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 2022 (223) Candidate List Declared Against: JAN 2022 (223) 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

Mates with Receptacles

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

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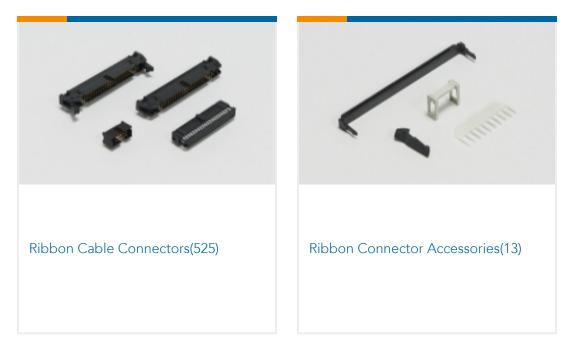


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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-onreach

Compatible Parts



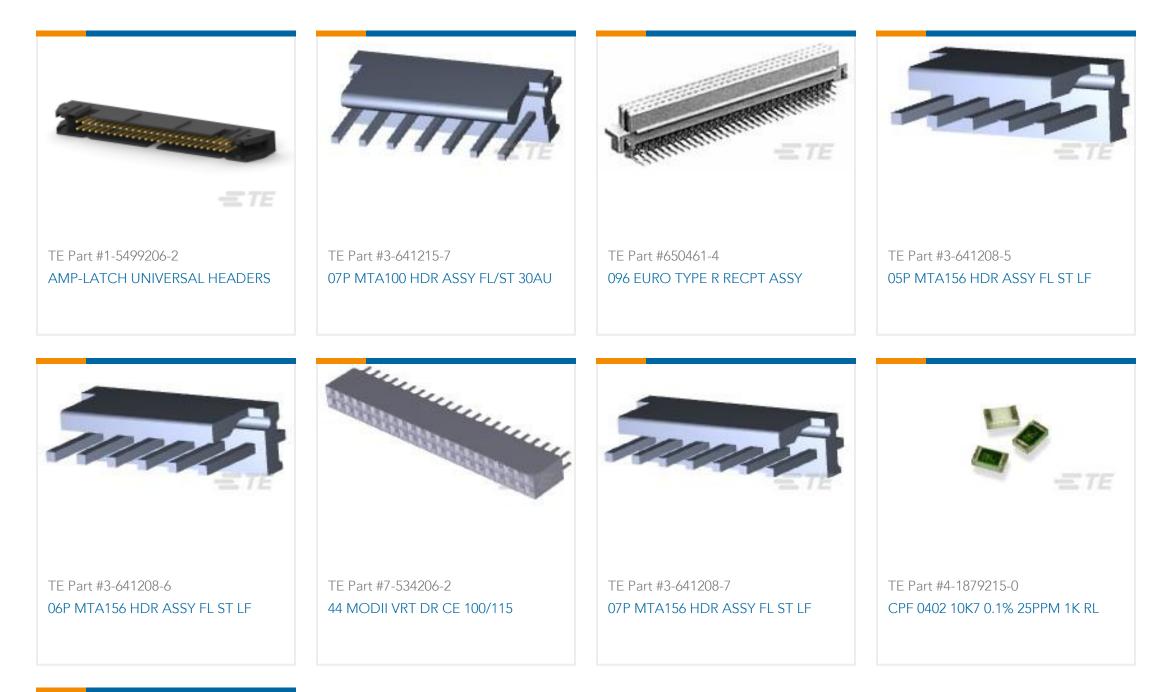
Also in the Series AMP-LATCH Universal Headers



Customers Also Bought

AMP-LATCH Universal Headers, Ribbon Cable Connectors, Wire-to-Board, 30 Position, .1 in [2.54 mm] Centerline, Vertical, Through Hole - Solder, 2 Row







TE Part #1-1761681-3 IDC LOW PRO HDR 40P VERT HT BLACK

Documents

Product Drawings A/L UNIV HDR 30P VERT LG LAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5499206-7_C.2d_dxf.zip

English

Customer View Model ENG_CVM_CVM_5499206-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5499206-7_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

C For support call+1 800 522 6752

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Ribbon Cable Interconnect Solutions

English

Product Specifications

Product Specification

English

Product Environmental Compliance MD_5499206-7_0605201445_dmtec

English

MD_5499206-7_0605201445_dmtec

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