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AMP-LATCH UNIVERSAL HEADERS



Connector System: **Board-to-Board**  
Number of Positions: **26**  
Centerline (Pitch): **2.54 mm [.1 in]**  
PCB Mount Retention: **Without**  
PCB Mount Retention Type: **Screw Mount**

[All AMP-LATCH UNIVERSAL HEADERS \(523\)](#)

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector Mating Latch & Lock Type	Long
Ribbon Cable Connector Header Type	Universal Ejection Pin Headers
Connector System	Board-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	26
PCB Mount Orientation	Vertical
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Insulation Resistance	5000 MΩ
Body Features	
Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Standard
Contact Features	
Contact Underplating Material	Nickel
	30 μin
Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	2.54 μm[100 μin]
Contact Mating Area Plating Material	Gold (Au), Gold Flash, Gold Flash over Palladium Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin
Contact Current Rating (Max)	1 A
Termination Features	
Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	3.94 mm[.155 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	Without
PCB Mount Retention Type	Screw Mount
Mating Alignment Type	Center, Dual Polarizing Bar
Mating Retention	With
Mating Retention Type	Ejection Latch
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Thermoplastic



Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Shrouded End Dimension	3.81 mm[.15 in]
PCB Thickness (Recommended)	3.18 mm[.125 in]
Connector Height	8.53 mm[.34 in]
Connector Length	52.32 mm[2.06 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	
Solder Process Feature	Solder Dipped
Circuit Application	Signal
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	30
Packaging Method	Tray
Product Compliance	
For compliance documentation, visit the product page on TE.com>	
EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (13% in 4690948374) <b>Article Safe Usage Statements:</b> Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

TE Part # 1-1658527-0  
622-2641LF FEM SOCKET, LEAD FREE

TE Part # 102320-1  
UNIVERSAL HEADER LATCH

Also in the Series | AMP-LATCH Universal Headers

Connector Hardware(13)

Ribbon Cable Connectors(523)

Customers Also Bought

TE Part #1-207369-1  
CPC RECEPT ASSY SIZE 17-28 LF

TE Part #1-1600788-0  
SQUEEZE REL RECEPT ASSY W/KEYS

TE Part #102321-1  
010 UNIV HDR SP 4S 30DP STD L1

TE Part #320629  
PIDG RECT 22-16COMM 22-18MIL 6





TE Part #1-5747871-3  
09 PLUG SP/FMS SCRLK



TE Part #CAT-025-DPAVS4274  
D-Sub Plug Assembly: Vertical, Shell Size 4, 2.74mm



TE Part #350714-4  
15P UMNL PIN HDR ASSY 94VO LF



TE Part #1-1600960-7  
CONT 8-10 AWG PWR, MFBL PLATE



TE Part #5352128-1  
Z-PACK T-B MALE HEADER 154P

Documents

Product Drawings

026 UNIV HDR SP 4S 30DP STD L1

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_102321-6\_G.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_102321-6\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_102321-6\_G.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

AMP INSTALLATION PROCEDURES FOR AMP-LATCH UNIVERSAL HEADER ASSEMBLIE

English



[Agency Approvals](#)  
[Agency Approval Document](#)  
English