### AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 102322-6

Board-to-Board, 26 Position, 2.54 mm [.1 in] Centerline, Right Angle, Through Hole - Solder, AMP-LATCH Universal Headers,

Ribbon Cable Connectors

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Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors > 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	Right Angle
Number of Rows	2

### **Electrical Characteristics**

Operating Voltage	250 VAC
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
Contact Base Material	Phosphor Bronze
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	.15 mm, 3.81 mm
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
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### **Packaging Features**

Packaging Quantity	40
Packaging Method	Box

# **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) Article Safe Usage Statements: 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-onreach

# Compatible Parts

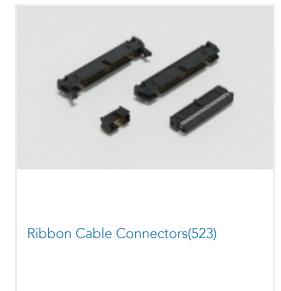




# Also in the Series | AMP-LATCH Universal Headers







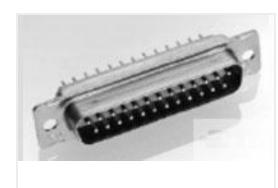
# Customers Also Bought



TE Part #YDIV40E21-41PNC009 **RECP ASSY** 



TE Part #YDIV40E11-05SNC009 **RECP ASSY** 



TE Part #205165-1 RECEPT ASSY,25 POSN,AMPLIMITE



TE Part #YDIV40E21-11SCC009 **RECP ASSY** 



TE Part #YDIV40E11-05SAC009 **RECP ASSY** 



**RECP ASSY** 



TE Part #ZPF000000000205805 D38999/40WG11SN







### **Documents**

### **Product Drawings**

026 UNIV HDR RA 4S 30DP STD L1

English

### **CAD Files**

3D PDF

English

**Customer View Model** 

ENG\_CVM\_102322-6\_G.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_102322-6\_G.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_102322-6\_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