102321-6 ✔ ACTIVE

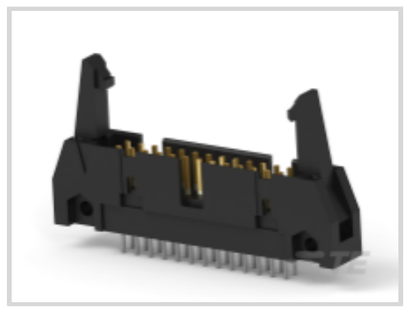
AMP-LATCH | AMP-LATCH Universal Headers

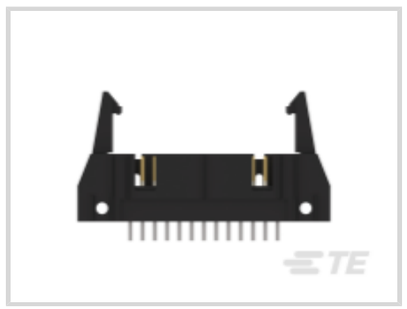
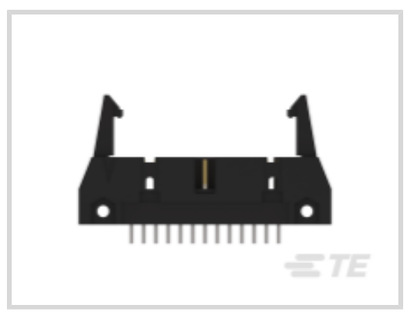
TE Internal #: 102321-6

Board-to-Board, 26 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, AMP-LATCH Universal Headers, Ribbon Cable Connectors

View on TE.com >

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 (525)

Features

Product Type Features

Ribbon Cable Connector Header Type	Universal Ejection Pin Headers
Connector Mating Latch & Lock Type	Long
Connector Product Type	Connector Assembly
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

Insulation Resistance	5000 MΩ

Operating Voltage	250 VAC

Body Features

Daisy Chain	Without
Primary Product Color	Black
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
	30 µin
Contact Mating Area Plating Material	Gold, Gold Flash, Gold Flash over Palladium Nickel
Contact Shape & Form	Square
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead
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

Mating Alignment	With
PCB Mount Alignment	With
Panel Mount Feature	Without
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]
Connector Length	52.32 mm[2.06 in]
Connector Height	8.53 mm[.34 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

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

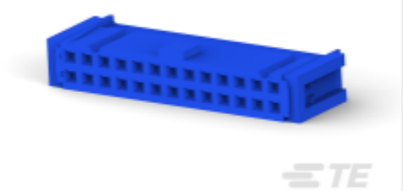
For compliance documentation, visit the product page on TE.com>

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part) **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-on-reach

Compatible Parts



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



TE Part # 102320-1
UNIVERSAL HEADER LATCH

Also in the Series | AMP-LATCH Universal Headers

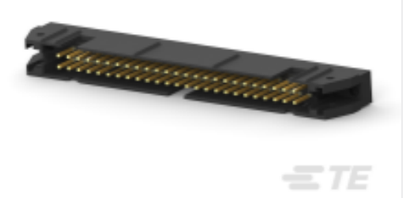


Connector Hardware(13)



Ribbon Cable Connectors(525)

Customers Also Bought



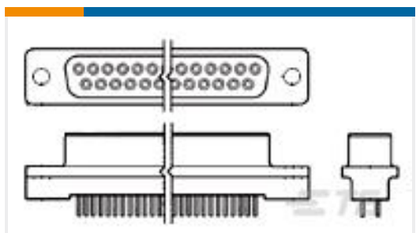
TE Part #102321-1
AMP-LATCH UNIVERSAL HEADERS



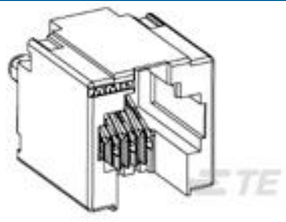
TE Part #5208009-1
HD-20 PLUG 37P VERT



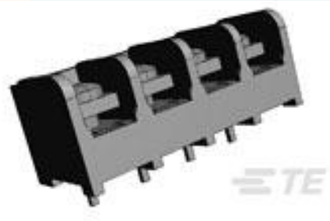
TE Part #5748952-1
AMP III PLUG 15P RA 590 FFSCRLK



TE Part #745078-4
25 RCPT SP/AP SCRLK



TE Part #6116201-1
MJ,TE,8P,COMPL.PIN,CAT5



TE Part #6-1437652-7
6PCV-04-006=6PCV ASSEMBLY



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

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

U5254-000005-030PA RH73H2A40MKTN SMW73R0JT 3430B2F51RTDF 917696-1 1-794222-0 936348-1 ROX05SJ18R 2005330-1 2834055-1 TE50BR39J 1393431-1 1743455-2 2-292161-3 2380312-2 SBCHE154R7K 175977-2 CRGCQ2010J3K3 141991-2 1903112-2 1969656-1 2310537-1 3631B101LL 650075-000 MPT100C18RF SBCHE64R7K 1-962915-1 2377783-2 3-1393225-0 CPF0402B37K4E1