102153-6 ✔ ACTIVE

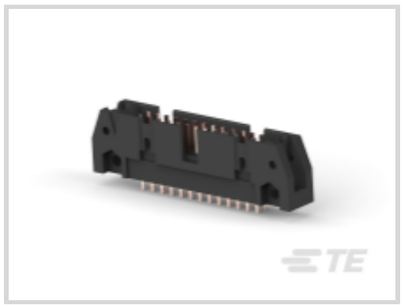
AMP-LATCH | AMP-LATCH Universal Headers

TE Internal #: 102153-6

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 (523)

Features

Contact Features

	15 µin
Contact Current Rating (Max)	1 A
Contact Underplating Material	Nickel
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 Flash over Palladium Nickel, Gold
Contact Base Material	Phosphor Bronze, Brass
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Type	Pin

Product Type Features

Connector System	Board-to-Board

Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly
Ribbon Cable Connector Header Type	Universal Ejection Pin Headers

Configuration Features

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

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Mechanical Attachment

PCB Mount Retention	Without
PCB Mount Retention Type	Screw Mount
Mating Alignment Type	Dual Polarizing Bar, Center
Mating Retention	Without
Connector Mounting Type	Board Mount
Panel Mount Feature	Without
Mating Alignment	With
PCB Mount Alignment	Without

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Diameter	.64 mm[.025 in]
Termination Post & Tail Length	2.79 mm[.11 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
Shrouded End Dimension	3.81 mm[.15 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
Connector Height	13.94 mm[.55 in]

Body Features

Connector Profile	Standard
Daisy Chain	Without

Primary Product Color	Black

Operation/Application

Circuit Application	Signal
Solder Process Feature	Solder Dipped

Usage Conditions

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

Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Compliant with Exemptions

Electrical Characteristics

Operating Voltage	250 VAC
Insulation Resistance	5000 MΩ

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	60
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

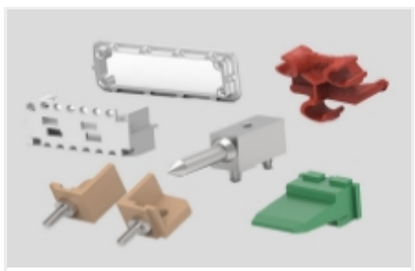
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 487223-7
026 HOUSING FFC RCPT 100CL DR

Also in the Series | AMP-LATCH Universal Headers



Connector Hardware(13)

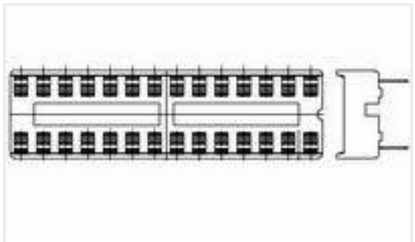


Ribbon Cable Connectors(523)

Customers Also Bought



TE Part #5227161-1
RTANG JK W/MTG PINS, BNC PCB



TE Part #1-2199298-2
8P,DIP SKT,300 CL,LDR,PB FREE



TE Part #1-640456-0
10P MTA100 HDR ASSY F/L SQ STR



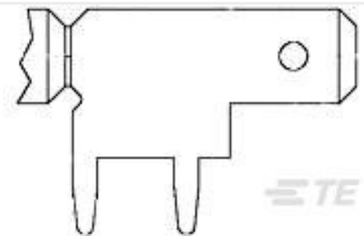
TE Part #640457-4
04P MTA100 HDR ASSY SQ R/A F/L



TE Part #1-640454-5
15P MTA100 HDR ASSY SQ STR POL



TE Part #5747462-6
HD-20 RCPT 37P RA 590 FFSCRLK



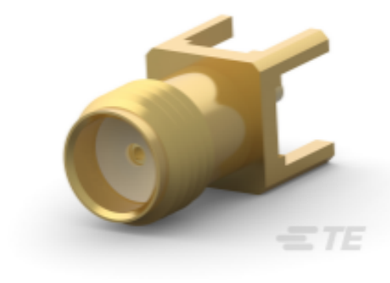
TE Part #1217756-1
187 FASTON,TAB,TNBR



TE Part #DTM1312PA12PBR008
HDR, 24P, BLK, RA EEC, NI/CU, AB



TE Part #3-1393237-3
RTE24024F



TE Part #5-1814832-2
SMA Str PCB Skt GZD

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_102153-6_M.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_102153-6_M.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_102153-6_M.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