1-216791-0 ✔ ACTIVE

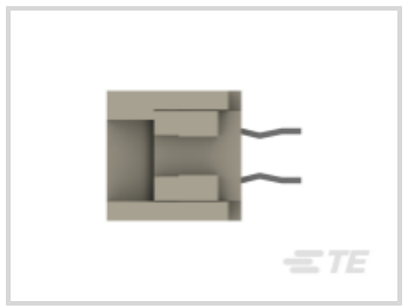
AMP-LATCH | AMP-LATCH DIL-PLUG

TE Internal #: 1-216791-0

Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, AMP-LATCH DIL-PLUG, Ribbon Cable Connectors

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors




Connector System: **Wire-to-Board**

Number of Positions: **10**

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

PCB Mount Retention: **With**

PCB Mount Retention Type: **Boardlock**

Features

Product Type Features

Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board, Wire & Cable

Configuration Features

Number of Positions	10
PCB Mount Orientation	Vertical
Number of Rows	2

Body Features

Primary Product Color	Gray

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5.1 µm[118.11 – 200.79 µin]
Wire Contact Termination Area Plating Thickness	3 – 5.1 µm[118.11 – 200.79 µin]

Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	1 A

Termination Features

Rectangular Termination Post & Tail Thickness	.32 mm[.013 in]
Rectangular Termination Post & Tail Width	.5 mm[.02 in]
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Product Compliance

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

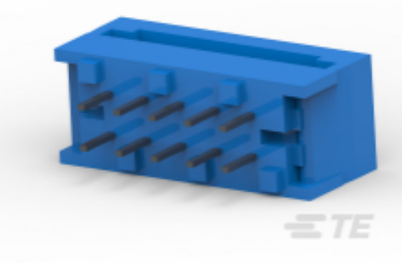
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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



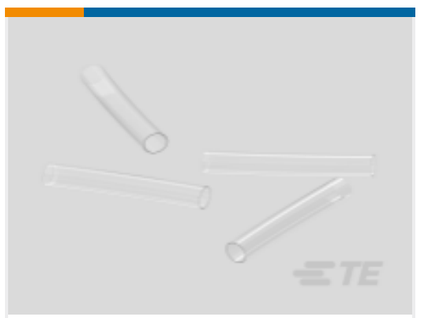
TE Part # 1658525-6
622-1053LF, PCB IDC, LEAD FREE

Also in the Series | AMP-LATCH DIL-PLUG



Ribbon Cable Connectors(27)

Customers Also Bought



TE Part #NB15964001
RT-375-1/4-X-SP



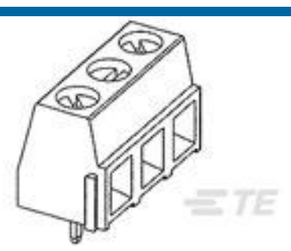
TE Part #2-111623-1
20, 2MM, POL,30 DP, LEAD FREE



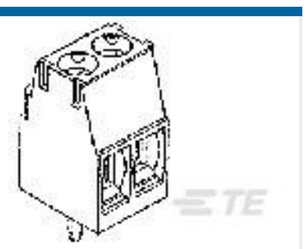
TE Part #1658621-2
14 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #5146800-1
BATT INT,KEYLESS,5P,7.2V



TE Part #282836-5
TERMI-BLOK PCB MOUNT 90 5P.



TE Part #284392-4
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part #3-1825059-7
ADF08S04=DIP SWT,FLUSH,SMT-GW



TE Part #5555077-2
MJ,LPF,R/A,6P/4C,SMT,PNL STOP



TE Part #5787428-1
HDR ASY,RA,LKEY,STR TAIL,12.0V



TE Part #5-146280-4
04 MODII HDR SRST B/A .100CL

Documents

Product Drawings

AMP LATCH D/P ASSY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-216791-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-216791-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-216791-0_B.3d_stp.zip

English

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

Product Specifications

Application of AMP-LATCH, Ribbon Cable Connectors

English

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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