# 2-216093-0 ✔ ACTIVE

AMP-LATCH

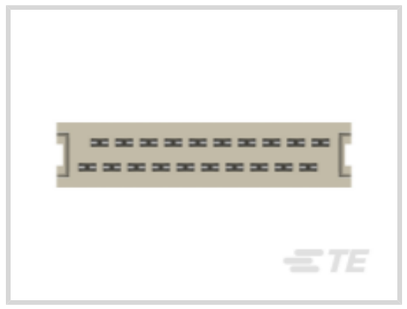
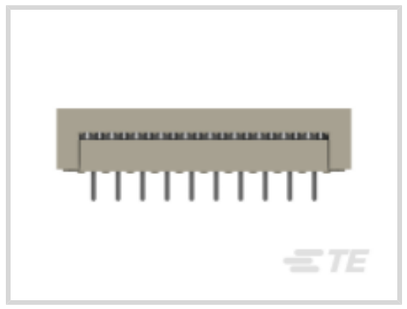
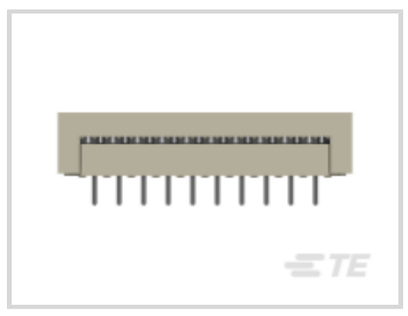
TE Internal #: 2-216093-0

Wire-to-Board, 20 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, 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: **20**

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

PCB Mount Retention: **Without**

PCB Mount Orientation: **Vertical**

## Features

### Product Type Features

| | |
|---|---|
| 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 | 20 |
| 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 | Without |
| 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

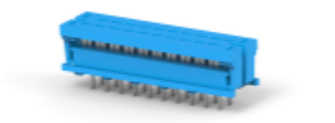
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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

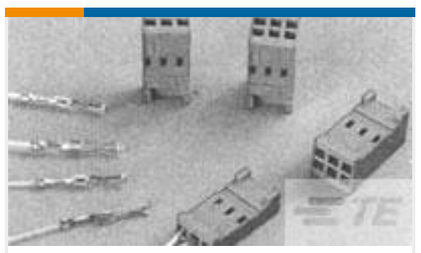
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1658525-9
622-2053LF, PCB IDC, LEAD FREE

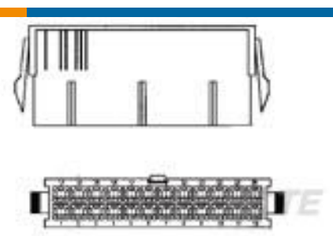
## Customers Also Bought



TE Part #281839-4
HOUSING HE13 HE14 COSI 2X4 P



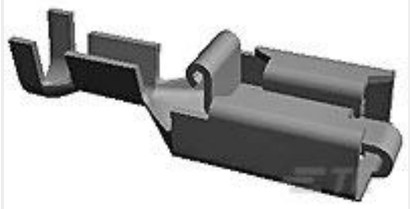
TE Part #1658538-3
SOCKET CONT DUPL PLT STRIP HD-



TE Part #794953-4
4P PM PLUG VAL-U-LOK V2



TE Part #794957-1
VAL-U-LOK PIN BR SN 22-26AWG



TE Part #160773-7
PL LP REC 0.5-1.5 MM2 PTPPHBZ



TE Part #1-1337480-0
SMB FM BHSkt 50Ohm Gold Pltd



TE Part #745508-6
FERRULE SPLIT RING, HD

TE Part #GA10K3A542I
DISC-+- 0.2'C 0'C 70'C

## Documents

### Product Drawings

AMP-LATCH PRE-ASSY DIL WITHO

English

## CAD Files

### 3D PDF

3D

### Customer View Model

ENG_CVM_CVM_2-216093-0_B.2d_dxf.zip

English

### Customer View Model

ENG_CVM_CVM_2-216093-0_B.3d_igs.zip

English

### Customer View Model

ENG_CVM_CVM_2-216093-0_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:

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