

1-216093-0 ✓ ACTIVE



## AMP-LATCH

TE Internal #: 1-216093-0

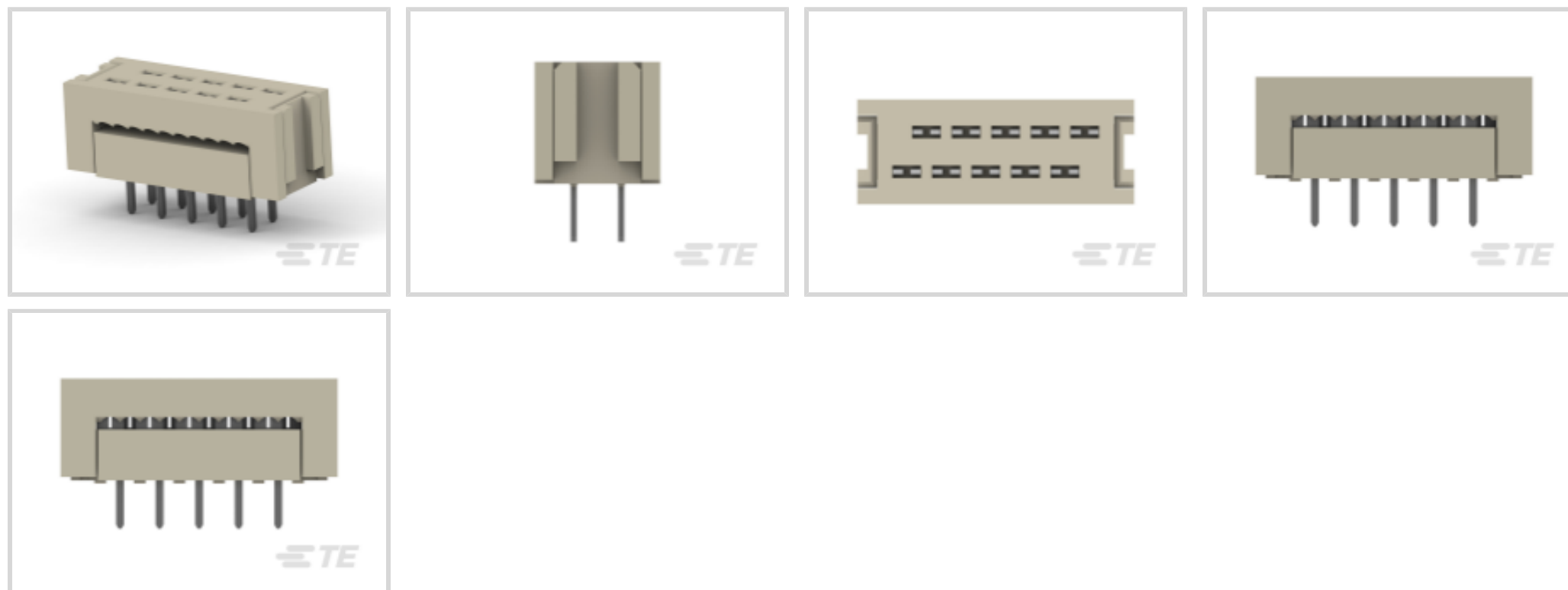
Ribbon Cable Connectors, Wire-to-Board, 10 Position, 2.54 mm [.1

in] Centerline, Vertical, Through Hole - Solder, Insulation

Displacement (IDC), 2 Row

[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: **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	10
PCB Mount Orientation	Vertical
Number of Rows	2

#### Contact Features

PCB Contact Termination Area Plating Material Thickness	3 – 5.1 $\mu\text{m}$ [118.11 – 200.79 $\mu\text{in}$ ]
Wire Contact Termination Area Plating Thickness	3 – 5.1 $\mu\text{m}$ [118.11 – 200.79 $\mu\text{in}$ ]
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 Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Insulation Displacement (IDC)

### Mechanical Attachment

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

### Housing Features

Housing Color	Gray
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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



## Documents

### Product Drawings

[AMP-LATCH PRE-ASSY DIL WITHO](#)

English

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-216093-0\\_B.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-216093-0\\_B.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-216093-0\\_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

1-216093-0

Ribbon Cable Connectors, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline,  
Vertical, Through Hole - Solder, Insulation Displacement (IDC), 2 Row

