# 2-111446-2 ACTIVE

#### **AMP-LATCH**

TE Internal #: 2-111446-2

Ribbon Cable Connectors, Wire-to-Wire, 34 Position, 2.54 mm [.1 in] Centerline, Vertical, Through Hole - Solder, 2 Row, Plug, Low

Profile

View on TE.com >



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



Connector System: Wire-to-Wire

Number of Positions: 34

Centerline (Pitch): 2.54 mm [ .1 in ]
PCB Mount Retention: Without

PCB Mount Retention Type: Screw Mount

#### **Features**

#### **Product Type Features**

Troduct Type readures	
Ribbon Cable Connector Header Type	Shrouded
Connector Product Type	Connector Assembly
Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	34
PCB Mount Orientation	Vertical
Number of Rows	2
Electrical Characteristics	
Insulation Resistance	5000 ΜΩ
Operating Voltage	250 VAC

Without

**Body Features** 

Daisy Chain



Primary Product Color	Black
Connector Profile	Low
Contact Features	
Contact Mating Area Length	6.1 mm[.24 in]
Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Pin
Wire Contact Termination Area Plating Thickness	2.54 μm[100 μin]
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μm[29.92 μin][30 μin]
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	1 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Termination Method to Printed Circuit Board	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	Keyed
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Shrouded End Dimension	3.81 mm[.15 in]
Connector Length	57.71 mm[2.272 in]
Connector Height	14.48 mm[.57 in]
Connector Width	8.38 mm[.33 in]
Wire Size	$.0815 \text{ mm}^2$



Compatible Insulation Diameter Range	.81 – .97 mm[.032 – .038 in]
Row-to-Row Spacing	2 mm[.1 in]
Usage Conditions	
Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
Operation/Application	
Solder Process Feature	Solder Dipped
Circuit Application	Signal
Industry Standards	
UL Rating	Recognized
Agency/Standard	CSA, UL
Approved Standards	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	50
Packaging Method	Box & Tray, Tray

### **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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

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

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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







































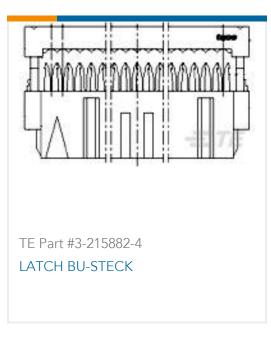
## Customers Also Bought

















### **Documents**

**Product Drawings** 

034 UNIV I/O 30DP NO EARS

English

### **CAD Files**

Customer View Model

ENG\_CVM\_CVM\_2-111446-2\_M.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_2-111446-2\_M.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2-111446-2\_M.3d\_stp.zip

English

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

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## Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English

**Product Specifications** 

**Application Specification** 

English

Product Environmental Compliance

**TE Material Declaration** 

English

Agency Approvals

Agency Approval Document

English