

AMP-LATCH

TE Internal #: 2-111623-8
Wire-to-Board, 34 Position, 2 mm [.079 in] Centerline, 2 Row,
Receptacle, Low Profile, Wire & Cable, Signal, Ribbon Cable
Connectors

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

Number of Positions: **34**

Centerline (Pitch): **2 mm [.079 in]**

Row-to-Row Spacing: **2 mm [.1 in]**

Number of Rows: **2**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| Connector System | Wire-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 34 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-----------------------|---------|
| Operating Voltage | 125 VAC |
| Insulation Resistance | 5000 MΩ |

Body Features

| | |
|-----------------------|---------|
| Daisy Chain | Without |
| Primary Product Color | Black |
| Connector Profile | Low |

Contact Features

| | |
|--|-------------------|
| Mating Pin Diameter | .5 mm[.02 in] |
| Contact Mating Area Plating Material Thickness | .76 μm[29.92 μin] |
| Wire Contact Termination Area Plating Material | Gold |



| | |
|---|-----------------|
| Mating Square Post Dimension | .5 mm[.02 in] |
| Contact Shape & Form | Single Beam |
| Contact Base Material | Phosphor Bronze |
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Wire Contact Termination Area Plating Thickness | .127 μm[5 μin] |
| Contact Type | Socket |
| Contact Current Rating (Max) | .5 A |

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Panel Mount Feature | Without |
| Mating Alignment | With |
| PCB Mount Alignment | With |
| Mating Alignment Type | Polarization |
| Mating Retention | With |
| Mating Retention Type | Ejection Latch |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|---------------|
| Housing Material | Polyester |
| Centerline (Pitch) | 2 mm[.079 in] |

Dimensions

| | |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | .71 – .87 mm[.028 – .034 in] |
| Connector Width | 5.58 mm[.22 in] |
| Connector Height | 8.48 mm[.334 in] |
| Wire Size | 28 AWG |
| Connector Length | 39.17 mm[1.542 in] |
| Row-to-Row Spacing | 2 mm[.1 in] |

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards



| | |
|---|-----------------------|
| Compatible With Agency/Standards Products | CSA, UL |
| UL Rating | Recognized |
| UL Flammability Rating | UL 94V-0 |
| Compatible With Approved Standards Products | CSA LR7189, UL E28476 |

Packaging Features

| | |
|--------------------|------------------|
| Packaging Quantity | 30 |
| 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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 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

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-111623-8_K.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-111623-8_K.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-111623-8_K.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Ribbon Cable Interconnect Solutions

English



Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

UL Report

English