

2-111623-8 ✓ ACTIVE

## AMP-LATCH

TE Internal #: 2-111623-8

Ribbon Cable Connectors, Wire-to-Board, 34 Position, 2 mm [.079 in] Centerline, 2 Row, Receptacle, Low Profile, Polarization Mating Alignment Type

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



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

Insulation Resistance	5000 MΩ
Operating Voltage	125 VAC

#### Body Features

Daisy Chain	Without
Primary Product Color	Black
Connector Profile	Low

#### Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
Mating Pin Diameter	.5 mm[.02 in]
Contact Type	Socket



Wire Contact Termination Area Plating Thickness	.127 $\mu\text{m}$ [5 $\mu\text{in}$ ]
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Wire Contact Termination Area Plating Material	Gold
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Contact Mating Area Plating Material Thickness	.76 $\mu\text{m}$ [29.92 $\mu\text{in}$ ]
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Contact Shape & Form	Single Beam
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PCB Contact Termination Area Plating Material	Tin-Lead
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	.5 A
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### Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

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

Housing Material	Polyester
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Centerline (Pitch)	2 mm[.079 in]
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### Dimensions

Connector Length	39.17 mm[1.542 in]
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Connector Height	8.48 mm[.334 in]
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Connector Width	5.58 mm[.22 in]
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Compatible Insulation Diameter Range	.71 – .87 mm[.028 – .034 in]
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Wire Size	.08 mm <sup>2</sup>
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Row-to-Row Spacing	2 mm[.1 in]
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### Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### 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	30
Packaging Method	Box & Tray, Tray

### Product Compliance

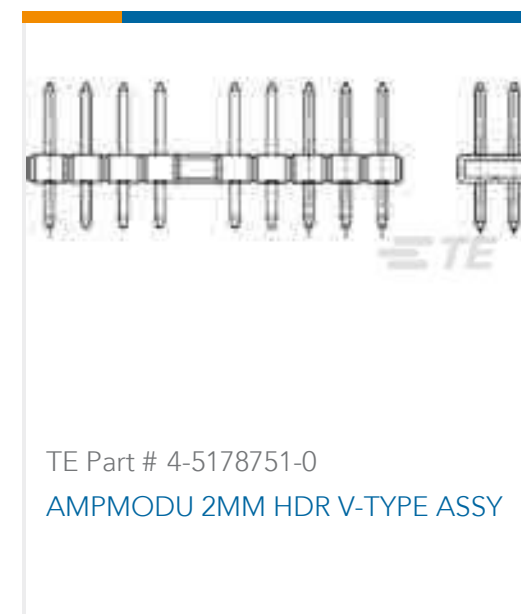
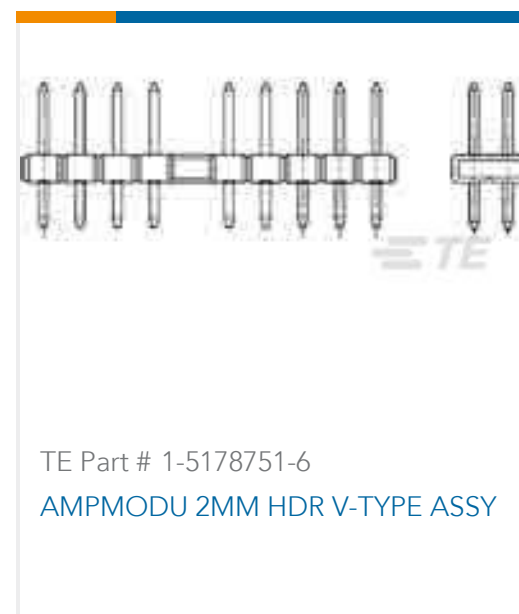
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

### Product Drawings

[034 2MM CTR 30DP FT](#)

English

### 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

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[Agency Approvals](#)

[UL Report](#)

English