

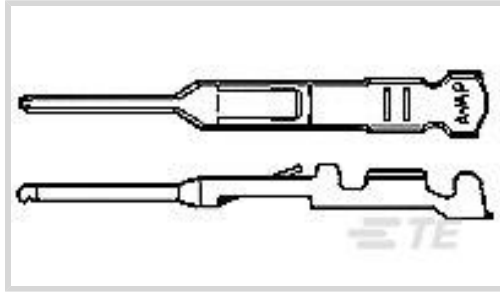


TE Internal #: 170377-2

Connector Contact, Pin, Wire-to-Board / Wire-to-Wire, 30 – 26 AWG Wire Size, .05 – .15 mm<sup>2</sup> Wire Size, Pre-Tin, Strip, Wire & Cable, 2 A, Signal

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

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

Wire Size: **.05 – .15 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Pre-Tin**

### Features

#### Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VAC
Insulation Resistance	500 MΩ

#### Contact Features

Mating Tab Width	.64 mm[.025 in]
Mating Tab Thickness	.7 mm[.03 in]
Wire Contact Termination Area Plating Thickness	.8 μm
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.38 μm
Contact Base Material	Phosphor Bronze
Contact Type	Pin
Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	2 A

#### Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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#### Dimensions

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Accepts Wire Insulation Diameter Range	1 – 1.4 mm [.039 – .055 in]
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Wire Size	.05 – .15 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	15000
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Packaging Method	Strip
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### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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#### 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

#### EIS CONN PIN CONTACT

Japanese

### CAD Files

#### 3D PDF

English

#### Customer View Model

[ENG\\_CVM\\_170377-2\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_170377-2\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_170377-2\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

#### 1-1773972-5\_EIS\_Connectors\_Brochure

English

### Product Specifications

#### Crimping of AMP EI Series Connector Contacts

Japanese

#### Application Specification

Japanese

### Product Environmental Compliance

#### MD\_170377-2\_033020181221\_dmtec

English

#### MD\_170377-2\_033020181221\_dmtec

English

### Instruction Sheets

#### Instruction Sheet (non U.S.)



English

[Extraction Tool For AMP EI Series Cap Housing](#)

English