

170376-1 ✓ ACTIVE

TE Internal #: 170376-1

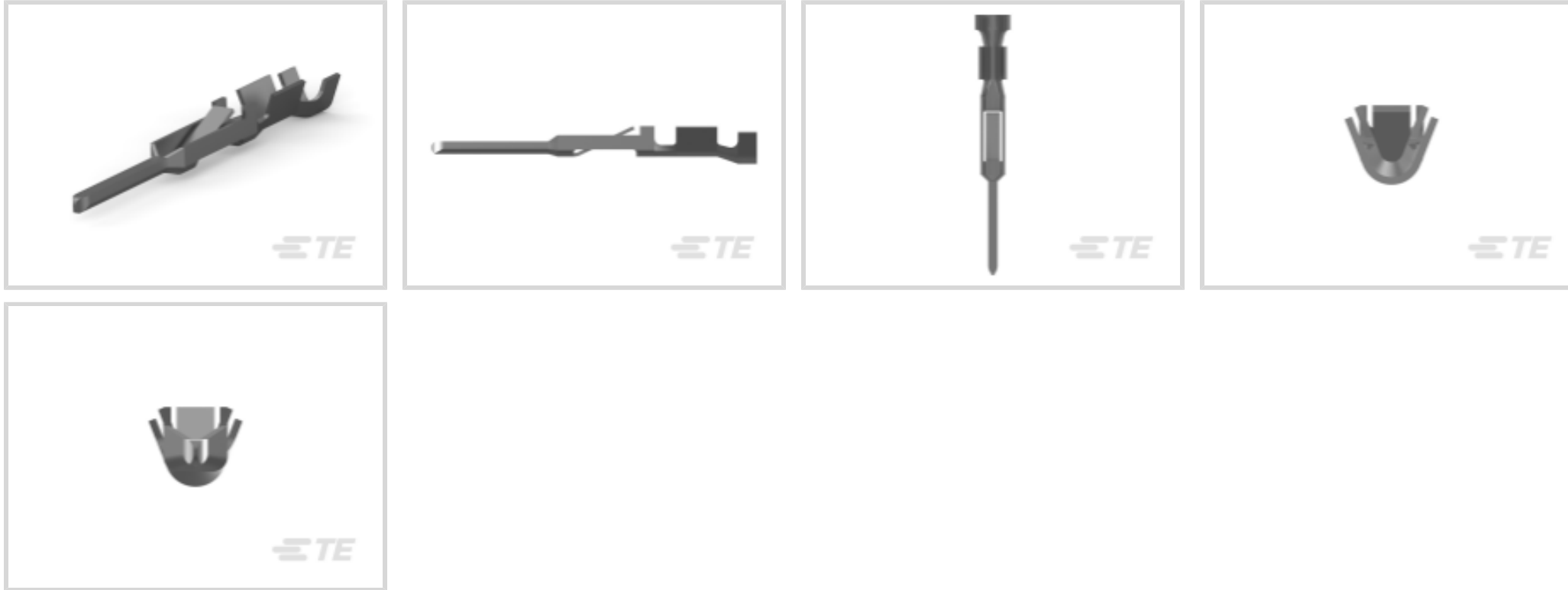
Connector Contact, Pin, Wire-to-Board / Wire-to-Wire, 26 – 20

AWG Wire Size, .12 – .5 mm<sup>2</sup> Wire Size, Pre-Tin, Strip, Wire & Cable, 2 A, Signal

[View on TE.com >](#)



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: **.12 – .5 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

### Contact Features

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

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	With
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Connector Mounting Type

Cable Mount (Free-Hanging)

### Dimensions

Accepts Wire Insulation Diameter Range

1.09 – 1.91 mm [.043 – .075 in]

Wire Size

.12 – .5 mm<sup>2</sup>

### Usage Conditions

Operating Temperature Range

-20 – 105 °C [-4 – 221 °F]

### Operation/Application

Circuit Application

Signal

### Packaging Features

Packaging Quantity

15000

Packaging Method

Strip

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JAN 2022 (223)  
 SVHC > Threshold:  
 Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Not applicable for solder process capability

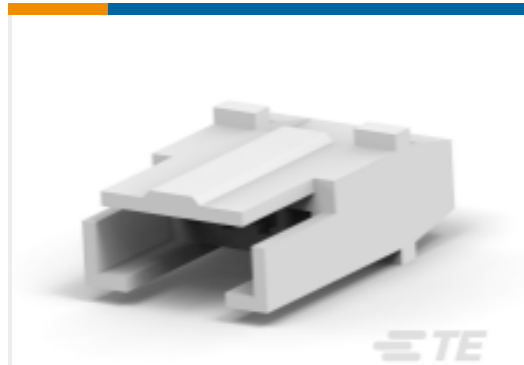
#### Product Compliance Disclaimer

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



TE Part # 172213-8  
8P EI HSG PANEL-MOUNT



TE Part # 172211-4  
EIS CAP HSG FREE HANG 4P NATUTURAL



TE Part # 172213-5  
EIS CAP HSG PANEL MOUNT 5P NATUTURAL



TE Part # 172213-3  
EIS CAP HSG PANEL MOUNT 3P NATUTURAL



TE Part # 172211-6  
EIS CAP HSG FREE HANG 6P NATUTURAL



TE Part # 172213-4  
EIS CAP HSG PANEL MOUNT 4P NATUTURAL



TE Part # 172213-2  
EIS CAP HSG PANEL MOUNT 2P NATUTURAL



TE Part # 172211-3  
EIS CAP HSG FREE HANG 3P NATUTURAL



TE Part # 172211-2  
EIS CAP HSG FREE HANG 2P NATUTURAL



TE Part # 1-172211-0  
10P CAP HSG F/H EI S CONN.



TE Part # 1-172211-2  
12P CAP HSG F/H EI S CONN.



TE Part # 172213-7  
EIS CAP HSG PANEL MOUNT 7P NATUTURAL



TE Part # 2305570-1  
TERMINAL CUTTER, SIDE FEED



TE Part # 172211-5  
EIS CAP HSG FREE HANG 5P NATUTURAL



TE Part # 172213-6  
EIS CAP HSG PANEL MOUNT 6P NATUTURAL



TE Part # 91566-1  
CCII EI SERIES PIN 26-20 ASSY



TE Part # 172211-8  
8P CAP HSG FREE HANG EI S CONN



TE Part # 724762-1  
EI EXT TOOL

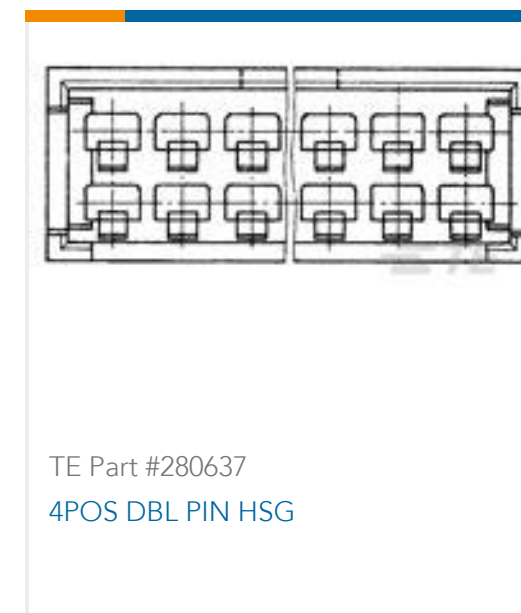
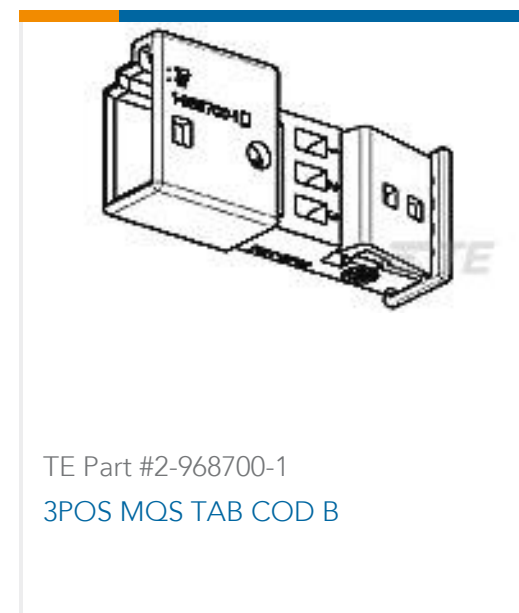


TE Part # 172212-5  
E.I. 5P CAP F.H.SONY TYPE



TE Part # 172212-6  
E.I. 6P CAP F.H.SONY TYPE

## Customers Also Bought



## Documents

### Product Drawings

#### AMP EI PIN CONTACT

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170376-1\\_C.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170376-1\\_C.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_170376-1\\_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

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**Product Specifications**

[Crimping of AMP EI Series Connector Contacts](#)

Japanese

**Application Specification**

Japanese

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**Product Environmental Compliance**

[MD\\_170376-1\\_02272019126\\_dmtec](#)

English

[MD\\_170376-1\\_02272019126\\_dmtec](#)

English

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**Instruction Sheets**

[Instruction Sheet \(non U.S.\)](#)

English

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

English