



TE Internal #: 170429-1

Connector Contact, Pin, Wire-to-Wire, 20 – 26 AWG Wire Size, .518 – 1.31 mm² Wire Size, Pre-Tin, Loose Piece, 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-Wire**

Wire Size: **.518 – 1.31 mm²**

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

Features

Product Type Features

Connector System	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 Thickness	.8 μm
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.38 μm
Contact Base Material	Brass
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

Accepts Wire Insulation Diameter Range	1.09 – 1.91 mm [.043 – .075 in]
Wire Size	.518 – 1.31 mm ²

Usage Conditions

Operating Temperature Range	-20 – 95 °C [-4 – 203 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

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 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 # 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



TE Part # 172214-2
E.I. 2P CAP

Customers Also Bought



Documents

Product Drawings

[EIS REC CONT 26-20 AWG BR TN](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_170429-1_C_c-170429-1-c.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170429-1_C_c-170429-1-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170429-1_C_c-170429-1-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

Product Specifications

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

Japanese

[Application Specification](#)

Japanese



Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

Extraction Tool For AMP EI Series Cap Housing

English

INSTRUCTION SHEET(PEW12 HAND TOOL FOR EI TAB 170429)

Japanese

Instruction Sheet (non U.S.)

Japanese