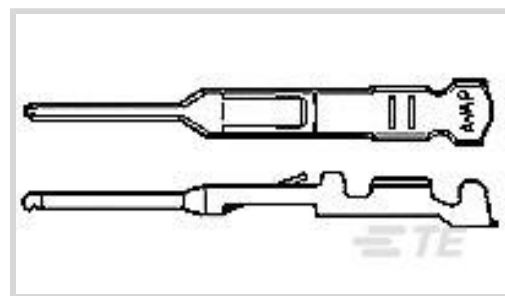




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

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

Wire Size: **.14 – .35 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
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

Accepts Wire Insulation Diameter Range	1.09 – 1.91 mm[.043 – .075 in]
Wire Size	.14 – .35 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



Customers Also Bought



TE Part #2-5499206-4
A/L UNIV HDR 20P VERT LG LAT B



TE Part #3-644563-2
02P MTA100 CONN ASSY F/T 24AWG



TE Part #2176157-7
TLM 2010 0.75W R033 5% 100PPM 4K RL



TE Part #171826-3
3P POST HEADER ASSY EI RL



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



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



TE Part #170376-2
EI-SRS COSI CONTACT



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



TE Part #3-582118-2
TEST PROBE REC130 BI RED GPBR

Documents

Product Drawings

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_170429-2_C_c-170429-2-c.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170429-2_C_c-170429-2-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

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