



TE Internal #: 170376-2

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

AWG Wire Size, .12 – .5 mm² Wire Size, 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: **.12 – .5 mm²**

Contact Mating Area Plating Material: **Tin**

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
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	Tin
Contact Current Rating (Max)	2 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Compatible Insulation Diameter Range	1.09 – 1.91 mm [.043 – .075 in]
Wire Size	.12 – .5 mm ²

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
Packaging Method	Strip

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	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 # 172211-8
8P CAP HSG FREE HABG EI S CONN



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
Strip Terminal Cutter-Side Feed-No Crimp



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 # 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



TE Part #1-1734592-0
FPC CONN. 0.5MM PITCH B/C, 10P



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



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



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



TE Part #171822-8
EIS REC. HSG 8P-NATURAL



TE Part #171822-2
EIS REC. HSG 2P-NATURAL



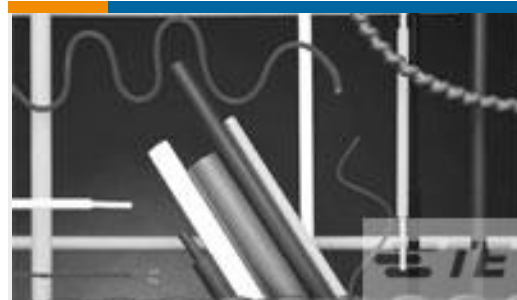
TE Part #172213-2
EIS CAP HSG PANEL MOUNT 2P
NATUTURAL



TE Part #350079-1
MNL PIN 30-22 PTPBR



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



TE Part #5069854021
CGPT-9.5/4.8-0-SP

Documents

Product Drawings

EI-SRS COSI CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170376-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170376-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170376-2_C.3d_stp.zip](#)

English

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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