



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

Accepts 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>

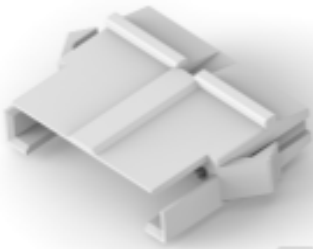
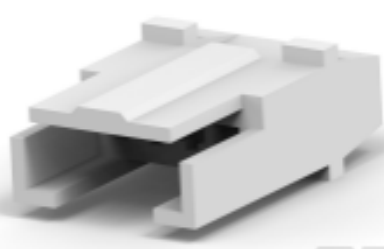
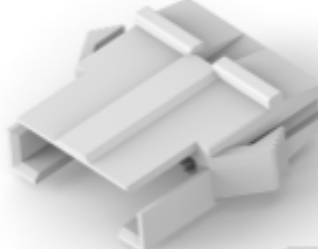
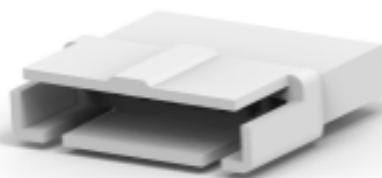
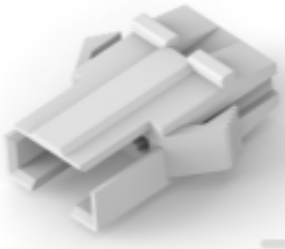
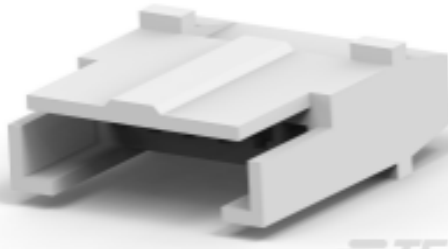
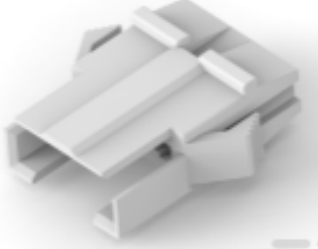
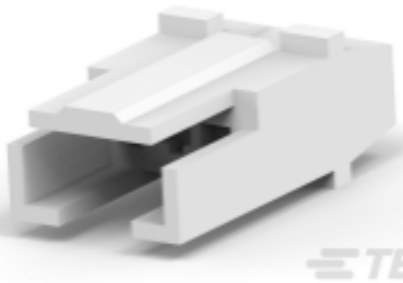
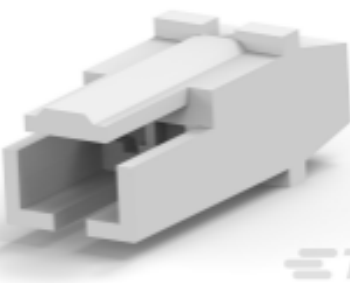
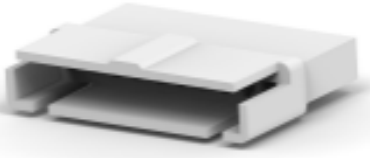
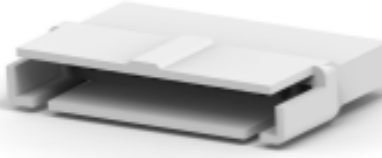
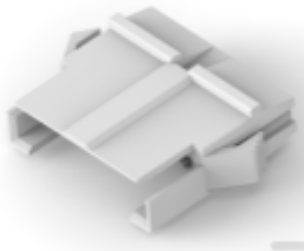
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JAN 2023 (233) Does not 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 #179228-2
CT CRIMP TYPE REC HSG

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

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

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

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