170429-1 ✔ ACTIVE

TE Internal #: 170429-1

Connector Contact, Pin, Wire-to-Wire, 20 – 26 AWG Wire Size, .518 – 1.31 mm² Wire Size, Tin, Loose Piece, Wire & Cable, 2 A, Signal

View on TE.com >

Contact Type: **Pin**

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

Wire Size: **.518 – 1.31 mm²**

Contact Mating Area Plating Material: **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	Tin
Contact Current Rating (Max)	2 A

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

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Connector Contact, Pin, Wire-to-Wire, 20 – 26 AWG Wire Size, .518 – 1.31 mm² Wire
Size, Tin, Loose Piece, Wire & Cable, 2 A, Signal

Accepts Wire Insulation Diameter Range	1.09 – 1.91 mm[.043 – .075 in]
Wire Size	.518 – 1.31 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Packaging Features

Packaging Quantity	1000
Packaging Method	Loose Piece

Product Compliance

For compliance documentation, visit the product page on TE.com>

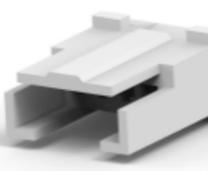| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

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Connector Contact, Pin, Wire-to-Wire, 20 – 26 AWG Wire Size, .518 – 1.31 mm² Wire Size, Tin, Loose Piece, Wire & Cable, 2 A, Signal

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
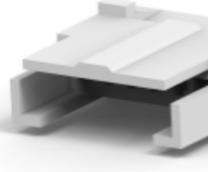
TE Part # 172211-6
EIS CAP HSG FREE HANG 6P NATUTURAL
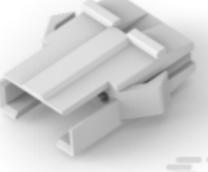
TE Part # 172213-4
EIS CAP HSG PANEL MOUNT 4P NATUTURAL

TE Part # 172213-2
EIS CAP HSG PANEL MOUNT 2P NATUTURAL
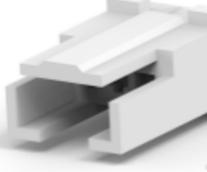
TE Part # 172211-3
EIS CAP HSG FREE HANG 3P NATUTURAL
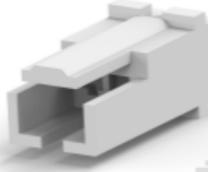
TE Part # 172211-2
EIS CAP HSG FREE HANG 2P NATUTURAL

TE Part # 1-172211-0
10P CAP HSG F/H EI S CONN.
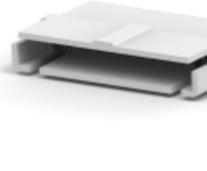
TE Part # 1-172211-2
12P CAP HSG F/H EI S CONN.
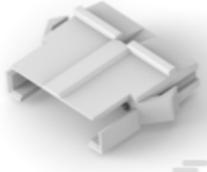
TE Part # 172213-7
EIS CAP HSG PANEL MOUNT 7P NATUTURAL
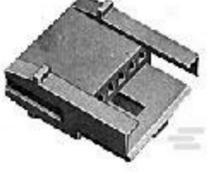
TE Part # 172211-5
EIS CAP HSG FREE HANG 5P NATUTURAL

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

TE Part # 91566-1
CCII EI SERIES PIN 26-20 ASSY
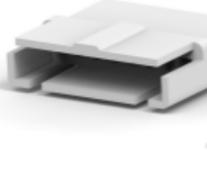
TE Part # 172211-8
8P CAP HSG FREE HABG EI S CONN

TE Part # 724762-1
EI EXT TOOL
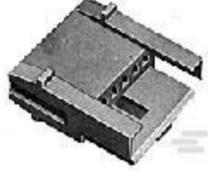
TE Part # 172212-5
E.I. 5P CAP F.H.SONY TYPE
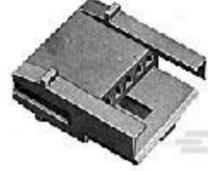
TE Part # 172212-6
E.I. 6P CAP F.H.SONY TYPE

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

Documents

Product Drawings

EIS REC CONT 26-20 AWG BR TN

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Connector Contact, Pin, Wire-to-Wire, 20 – 26 AWG Wire Size, .518 – 1.31 mm² Wire Size, Tin, Loose Piece, Wire & Cable, 2 A, Signal

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