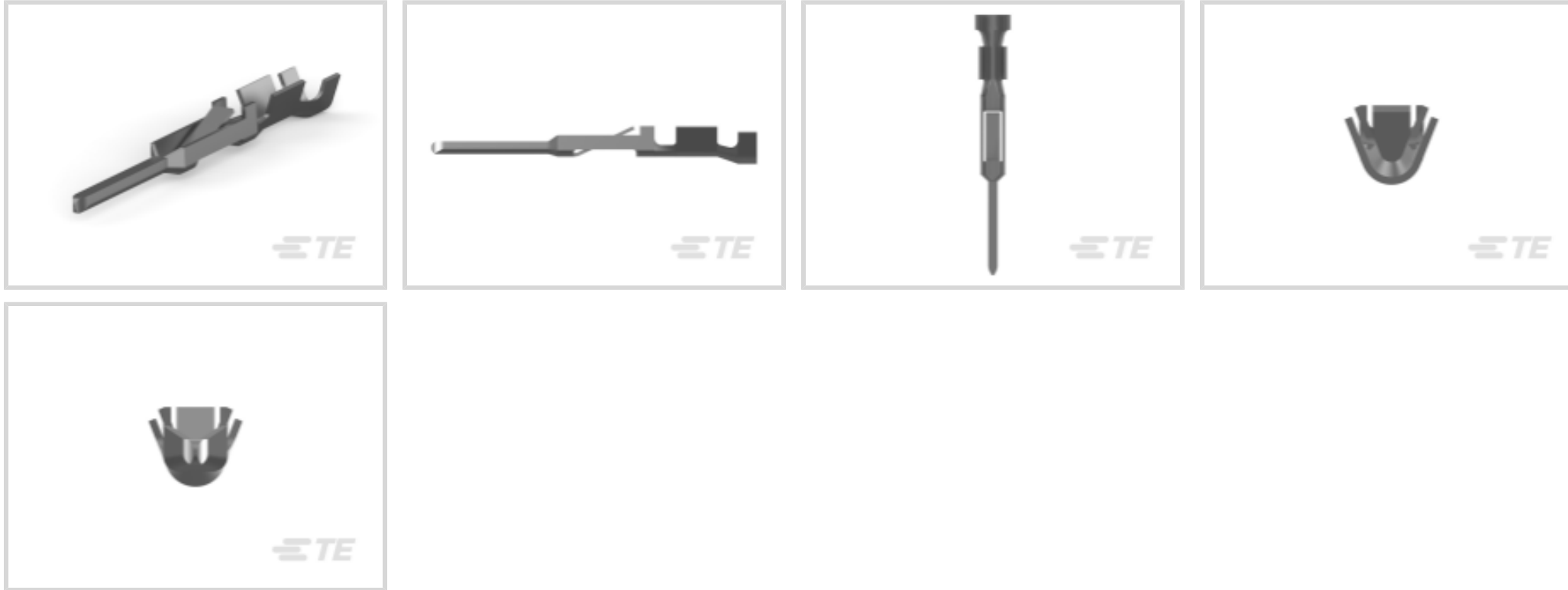




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts



Contact Type: **Pin**

Connector System: **Wire-to-Board, Wire-to-Wire**

Wire Size: **.12 – .5 mm²**

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

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
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	Pre-Tin



Contact Current Rating (Max)	2 A
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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]
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Wire Size	.12 – .5 mm ²
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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
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Packaging Method	Strip
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 2305570-1
TERMINAL CUTTER, SIDE FEED



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

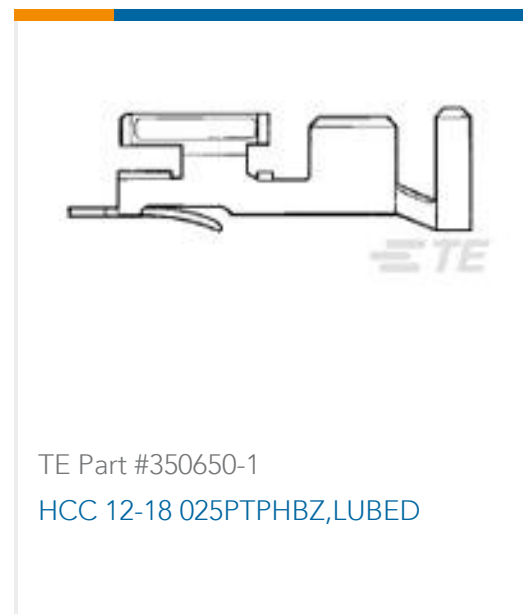


TE Part # 172212-6
E.I. 6P CAP F.H.SONY TYPE

Customers Also Bought



TE Part #1735447-5
HPI 2.0 RECEPTACLE HOUSING, 5P



TE Part #350650-1
HCC 12-18 025PTPHBZ,LUBED



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



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



TE Part #1744417-8
8 POS EP 2.5 HSG, GLOW WIRE



TE Part #745508-1
FERRULE SPLIT RING, HD



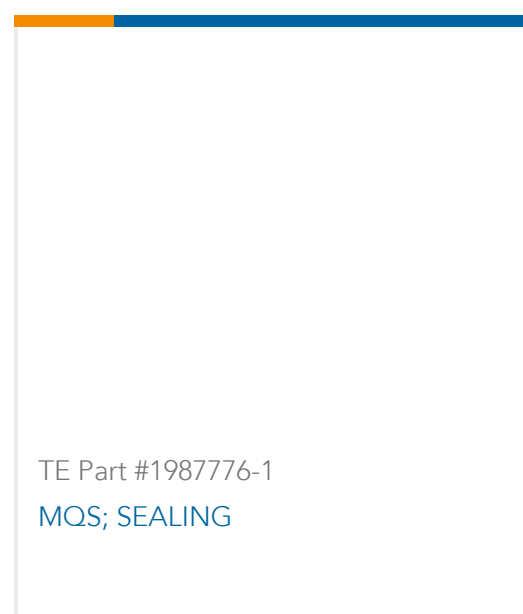
TE Part #172211-8
8P CAP HSG FREE HABG EI S CONN



TE Part #925366-3
MOD 4 REC.HSG 1X03P



TE Part #ZPF000000000034466
983-0Y 08-03 P9



TE Part #1987776-1
MQS; SEALING

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