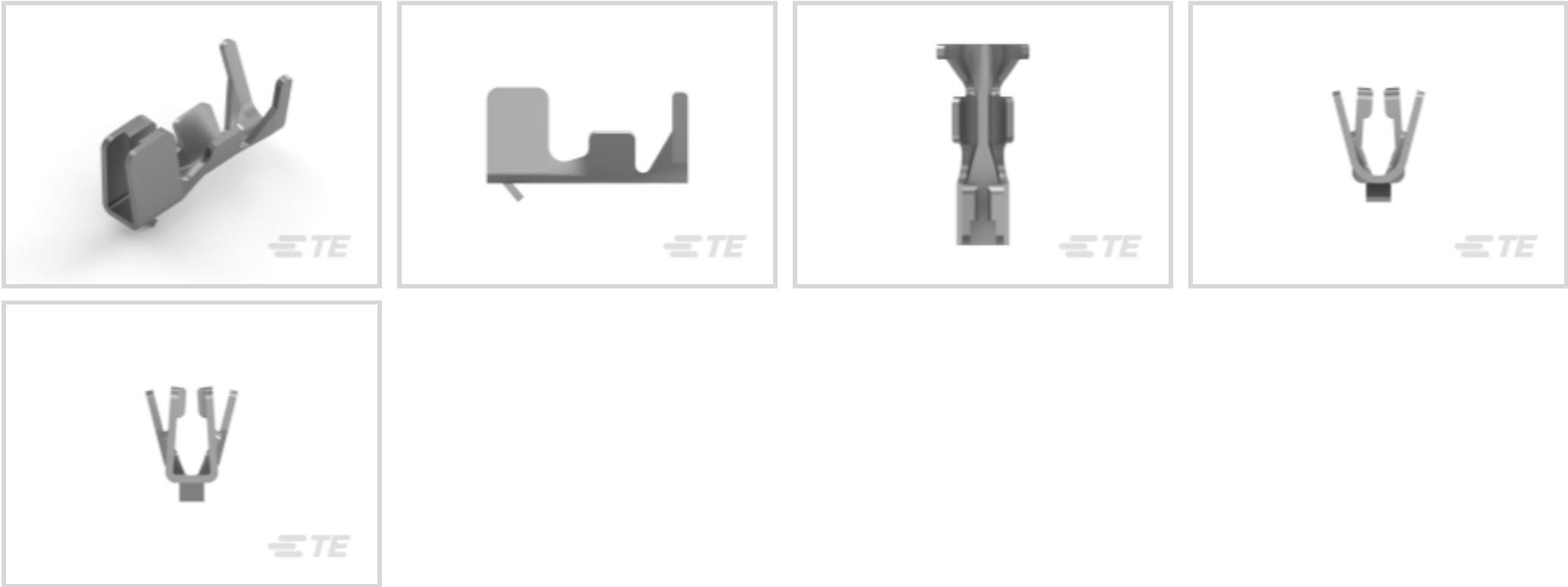




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Pre-Tin**

Wire Size: **.12 – .4 mm²**

Features

Electrical Characteristics

Insulation Resistance	500 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	2 A

Termination Features

Product Terminates To	Wire & Cable
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Dimensions

Compatible Insulation Diameter Range	1.09 – 1.91 mm[.043 – .075 in]
Wire Size	.12 – .4 mm ²

Usage Conditions

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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 Method	Loose Piece
Packaging Quantity	500

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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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 # 8-172142-3 EIS LOW PROFILE HSG 3P RED	 TE Part # 6-172142-8 REC HSG LOW PROFILE EI 8P	 TE Part # 6-172142-6 REC HSG LOW PROFILE EI 6P	 TE Part # 8-172142-8 REC HSG LOW PROFILE EI 8P
 TE Part # 5-172142-0 REC HSG LOW PROFILE EI 10P	 TE Part # 172142-3 EIS LOW PROFILE HSG 3P NATURAL	 TE Part # 172142-2 EIS LOW PROFILE HSG 2P NATURAL	 TE Part # 172142-5 EIS LOW PROFILE HSG 5P NATURAL
 TE Part # 724674-1 INSERTION TOOL (JAPAN)	 TE Part # 6-172142-4 REC HSG LOW PROFILE EI 4P	 TE Part # 3-172142-0 REC HSG LOW PROFILE EI 10P	 TE Part # 4-172142-5 EIS LOW PROFILE HSG 5P BLUE
 TE Part # 8-172142-5 REC HSG LOW PROFILE EI 5P	 TE Part # 4-172142-3 EIS LOW PROFILE HSG 3P BLUE	 TE Part # 4-172142-9 REC HSG LOW PROFILE EI 9P	 TE Part # 2-172142-2 EIS LOW PROFILE HSG 2P BALCK
 TE Part # 2-172142-3 EIS LOW PROFILE HSG 3P BALCK	 TE Part # 1-172142-2 EIS LOW PROFILE HSG 12P NATURAL	 TE Part # 2-172142-6 6P LOW PROF EI REC HSG	 TE Part # 2-172142-8 REC HSG LOW PROFILE EI 8P

Customers Also Bought



TE Part #1-1879233-8
SMW5 R51 5%

TE Part #4-2176243-3
CRGS0603 5% 3K3

TE Part #796683-5
TERMI-BLOK PCB MOUNT 90 5P.

TE Part #4-2176231-5
3522 680R 1% 3W

TE Part #8-2176579-7
RLC73K 2B R442 1% 1K RL

TE Part #5-2176230-4
3522 22K 5% 3W

TE Part #5-1624113-6
3650 0805 0.30uH 5% 2K RL

TE Part #3-1879494-5
CRGH0603 5% 27R 0.2W

TE Part #2-2176236-6
CPF A 0402 10K 0.1% 25PPM 5K RL

TE Part #4-1879233-1
SMW5 4R7 5%

Documents

Product Drawings

LOW PROFILE EI CONN LP

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170369-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170369-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170369-1_B.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

Application Specification

English

Crimping of Low Profile "EI" Series Connector

English

Instruction Sheets

Instruction Sheet (non U.S.)

Japanese

Low Profile "EI" Series Connector

Japanese

Agency Approvals

Agency Approval Document

English