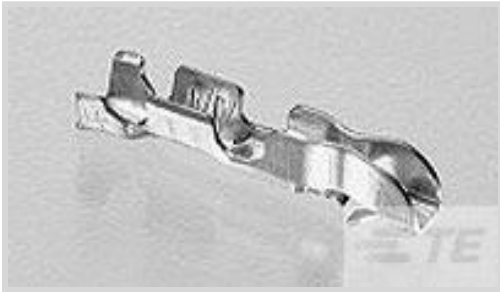




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

Operating Voltage: **250 VAC**

Wire Size: **.05 – .15 mm²**

Features

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VAC
Insulation Resistance	500 MΩ
Operating Voltage	250 VAC

Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	2 A

Termination Features

Product Terminates To	Wire & Cable
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Dimensions

Compatible Insulation Diameter Range	1 – 1.4 mm[.039 – .055 in]
Wire Size	.05 – .15 mm²

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

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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 2024 (241) 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 # 171822-8
EIS REC. HSG 8P-NATURAL



TE Part # 171822-6
EIS REC. HSG 6P-NATURAL



TE Part # 171822-7
EIS REC. HSG 7P-NATURAL



TE Part # 171822-5
EIS REC. HSG 5P-NATURAL



TE Part # 171822-9
EIS REC. HSG 9P-NATURAL



TE Part # 171822-3
EIS REC. HSG 3P-NATURAL



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



TE Part # 1-171822-0
EIS REC. HSG 10P-NATURAL



TE Part # 171822-4
EIS REC. HSG 4P-NATURAL



TE Part # 172486-2
2P REC HSG CRIMP EI SER



TE Part # 4-171822-5
EIS REC. HSG 5P-BLUE



TE Part # 172486-3
3P REC HSG CRIMP EI SER



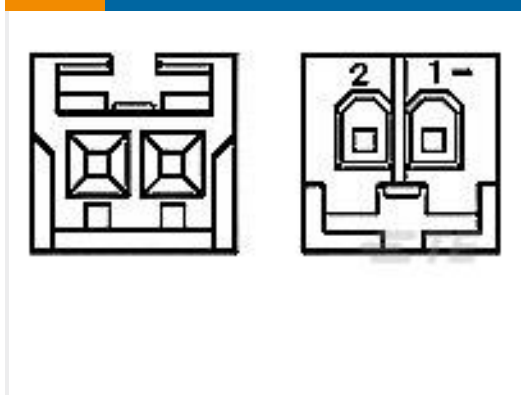
TE Part # 8-171822-8
EIS REC HSG 8P RED



TE Part # 1-171822-2
EIS REC. HSG 12P-NATURAL



TE Part # 4-171822-8
E.I.SERIES CONN REC 8P



TE Part # 4-172486-2
2P REC HSG CRIMP EI SERBLUE



TE Part # 5-171822-0
10P REC HSG BLUE EIS



TE Part # 91562-1
CCII EI SERIES 30-26 ASSY



TE Part # 171880-8
E.I.SERIES CONN.REC.8P



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

Customers Also Bought



TE Part #1241050-5
2x5P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #171826-2
2POS POST HEADER ASSY



TE Part #172211-3
EIS CAP HSG FREE HANG 3P NATUTURAL



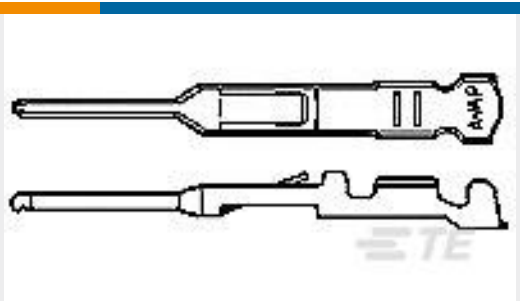
TE Part #292215-6
MINI CT SGL RELAY 6P NAT



TE Part #292254-7
CT RELAY HDR ASSY 7P NAT



TE Part #843052-000
101A052-3-0



TE Part #170430-1
EI PIN LP 170377-1 LP



TE Part #2-1879447-7
TE 200W 150R 5% Bracket



TE Part #5787441-1
HDR ASY,RA,NO KEY,STR TAIL

Documents

Product Drawings

E.I. SERIES CONTACT LP

English

E.I. SERIES CONTACT LP

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_170205-1_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_170205-1_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_170205-1_O.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

Instruction Sheets

AMP "EI" Series Connector

English

Instruction Sheet (non U.S.)

English

Instruction Sheet (non U.S.)

Japanese

PEW12 HAND TOOL(EI 170205-1)

Japanese

Agency Approvals

Agency Approval Document

English