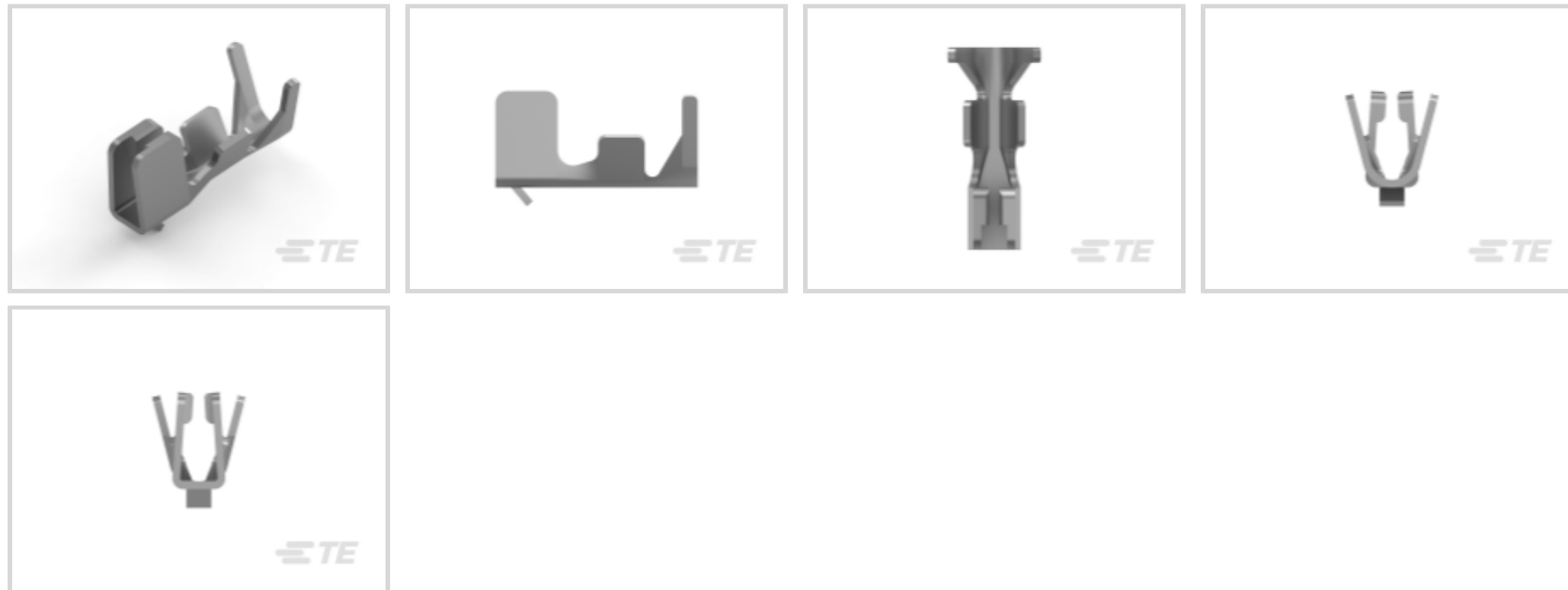




Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin**

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

Wire Size: **.12 – .4 mm²**

Features

Electrical Characteristics

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

Contact Features

| | |
|--|-----------------|
| Mating Square Post Dimension | .64 mm[.025 in] |
| Contact Type | Socket |
| Contact Mating Area Plating Material | Tin |
| 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 |
|-----------------------|--------------|

Dimensions

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

Usage Conditions

| | |
|--|--|
| | |
|--|--|



| | |
|-----------------------------|---------------------------|
| Operating Temperature Range | -20 – 105 °C[-4 – 221 °F] |
|-----------------------------|---------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|--------------------|-------------|
| Packaging Quantity | 500 |
| Packaging Method | Loose Piece |

Product Compliance

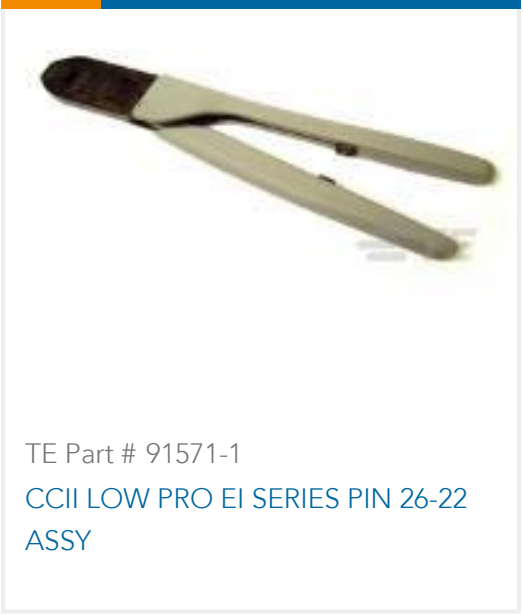
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



Customers Also Bought



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