



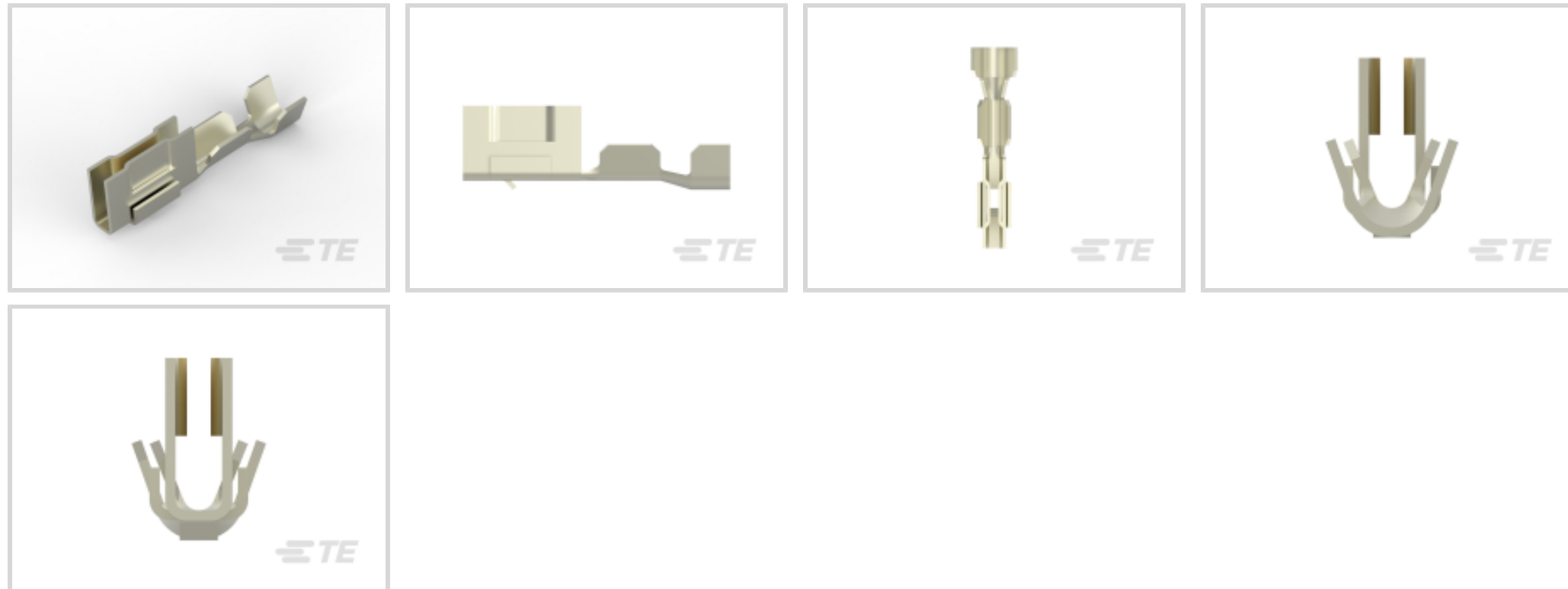
CST | Economy Power

TE Internal #: 1445336-2

Connector Contact, Socket, Wire-to-Board, 26 – 22 AWG Wire Size, .13 – .33 mm<sup>2</sup> Wire Size, Gold, Bag & Box, Wire & Cable, 4 A, Signal, Economy Power

[View on TE.com >](#)

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



Contact Type: **Socket**

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

Wire Size: **.13 – .33 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Gold**

**Features**

**Product Type Features**

|                                   |               |
|-----------------------------------|---------------|
| Connector System                  | Wire-to-Board |
| Sealable                          | No            |
| Connector & Contact Terminates To | Wire & Cable  |

**Configuration Features**

|                                   |               |
|-----------------------------------|---------------|
| Compatible With Wire & Cable Type | Discrete Wire |
|-----------------------------------|---------------|

**Electrical Characteristics**

|                   |         |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

**Contact Features**

|                                                 |                 |
|-------------------------------------------------|-----------------|
| Mating Square Post Dimension                    | .63 mm[.025 in] |
| Contact Retention Within Housing                | With            |
| Contact Underplating Material Thickness         | 1.27 μm[50 μin] |
| Wire Contact Termination Area Plating Thickness | .38 μm          |
| Wire Contact Termination Area Plating Material  | Gold Flash      |
| Contact Mating Area Plating Material Thickness  | .38 μm[15 μin]  |



|                                      |                 |
|--------------------------------------|-----------------|
| Contact Underplating Material        | Nickel          |
| Contact Base Material                | Phosphor Bronze |
| Contact Type                         | Socket          |
| Contact Mating Area Plating Material | Gold            |
| Contact Current Rating (Max)         | 4 A             |

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                                       |                            |
|---------------------------------------|----------------------------|
| Contact Retention Type Within Housing | Locking Lance              |
| Connector Mounting Type               | Cable Mount (Free-Hanging) |

### Dimensions

|                                        |                                |
|----------------------------------------|--------------------------------|
| Accepts Wire Insulation Diameter Range | .89 – 1.65 mm [.035 – .065 in] |
| Wire Size                              | .13 – .33 mm <sup>2</sup>      |

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

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

### Packaging Features

|                    |           |
|--------------------|-----------|
| Packaging Quantity | 1000      |
| Packaging Method   | Bag & Box |

### Other

|         |                                                           |
|---------|-----------------------------------------------------------|
| Comment | Gold Flash over Palladium Nickel or Gold (30) over Nickel |
|---------|-----------------------------------------------------------|

### 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 |
|---------------------------|----------------------------------------------|

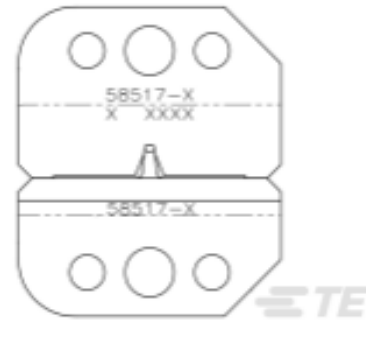
**Product Compliance Disclaimer**

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 # 58517-3  
PRO-CRIMPER II TOOL W/DIE SET




TE Part # 58517-4  
PRO-CRIMPER II DIE SET




TE Part # 91302-1  
CST-100 EXTRACTION TOOL

## Also in the Series | Economy Power




Connector Contacts(1)



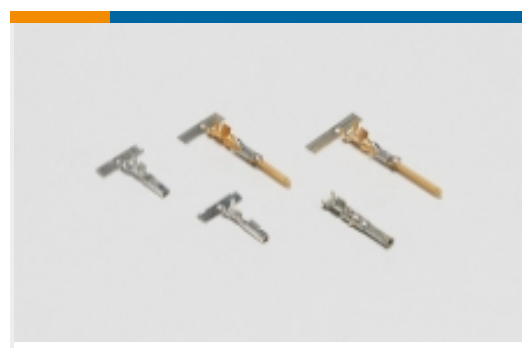
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(166)



PCB Latches, Locks & Retainers(2)



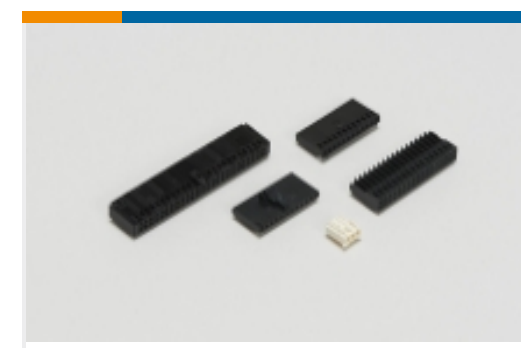
Power Contacts(8)



Rectangular Connector Housings(1)



Rectangular Power Connectors(301)

Wire-to-Board Connector Assemblies  
& Housings(141)

Wire-to-Board Connector Contacts(6)

## Documents

### Product Drawings

#### LOOSE PC CONTACT 15 AU PLATED

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1445336-2\\_A.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1445336-2\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1445336-2\\_A.3d\\_stp.zip](#)

English

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### Product Specifications

#### Application Specification

English

### Product Environmental Compliance

#### Product Compliance

English

#### Product Compliance

English



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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English