



AMP

TE Internal #: 54326-1

Receptacle Contact, Gold, 600 VAC, 18 – 12 AWG Wire Size, .811 – 3.09 mm<sup>2</sup> Wire Size, 1601 – 6098 CMA Wire Size, Copper, Power

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Receptacle**

Contact Mating Area Plating Material: **Gold**

Operating Voltage: **600 VAC**

Contact Retention Within Housing: **With**

Wire Size: **18 – 12 AWG**

**Features**

**Product Type Features**

|          |    |
|----------|----|
| Sealable | No |
|----------|----|

**Electrical Characteristics**

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

**Contact Features**

|   |                 |
|---|-----------------|
| PCB Contact Termination Area Plating Material Thickness | .76 µm[30 µin]  |
| Mating Tab Width  | 3.76 mm[.15 in] |
| Mating Tab Thickness                                    | 1.04 mm[.04 in] |
| Contact Underplating Material Thickness                 | 1.27 µm[50 µin] |
| Wire Contact Termination Area Plating Material Finish   | Matte           |
| Contact Mating Area Plating Material Thickness          | .76 µm[30 µin]  |
| Contact Mating Area Plating Material Finish             | Bright          |
| Contact Orientation                                     | Straight        |
| Contact Underplating Material                           | Nickel          |
| PCB Contact Termination Area Plating Material           | Gold            |



|                                      |            |
|--------------------------------------|------------|
| Contact Type                         | Receptacle |
| Contact Mating Area Plating Material | Gold       |
| Contact Retention Within Housing     | With       |
| Contact Base Material                | Copper     |
| Contact Current Rating (Max)         | 31 A       |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
| Product Terminates To                       | Printed Circuit Board |

### Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|

### Dimensions

|           |                 |
|-----------|-----------------|
| Wire Size | 1601 – 6098 CMA |
|-----------|-----------------|

### Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -40 – 75 °C[-40 – 167 °F] |
|-----------------------------|---------------------------|

### Operation/Application

|                     |       |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

### Industry Standards

|   |          |
|---|----------|
| Compatible With Agency/Standards Products | CSA, UL  |
| UL Flammability Rating                    | UL 94V-0 |

### Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 200    |
| Packaging Method   | Carton |

### Product Compliance

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

|   |   |
|---|---|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions   |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions   |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold  |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (1.5% in Component Part) |



**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 265°C

**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 # 53894-1  
HSG ASSY, PWR LK, SRS1, 1 POS, WHT

## Customers Also Bought



TE Part # ZPF000000000136485  
RECEPTACLE MALE FOR 12 PINS, CAL1,6

TE Part # EC9833-000  
ZHD-SCE-3.2-50-S1-4



TE Part # 1-1415543-5  
RTE44110



TE Part # ASA158F12390235000  
623 PLUG



## Documents

### Product Drawings

CONTACT,PWR LK,SRS1,LS PC,PSTD

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_54326-1\\_Z.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_54326-1\\_Z.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_54326-1\\_Z.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_54326-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_54326-1\\_G.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_54326-1\\_G.2d\\_dxf.zip](#)

English

3D PDF

English



By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

## Product Specifications

### Product Specification

English