

350822-1

✓ ACTIVE

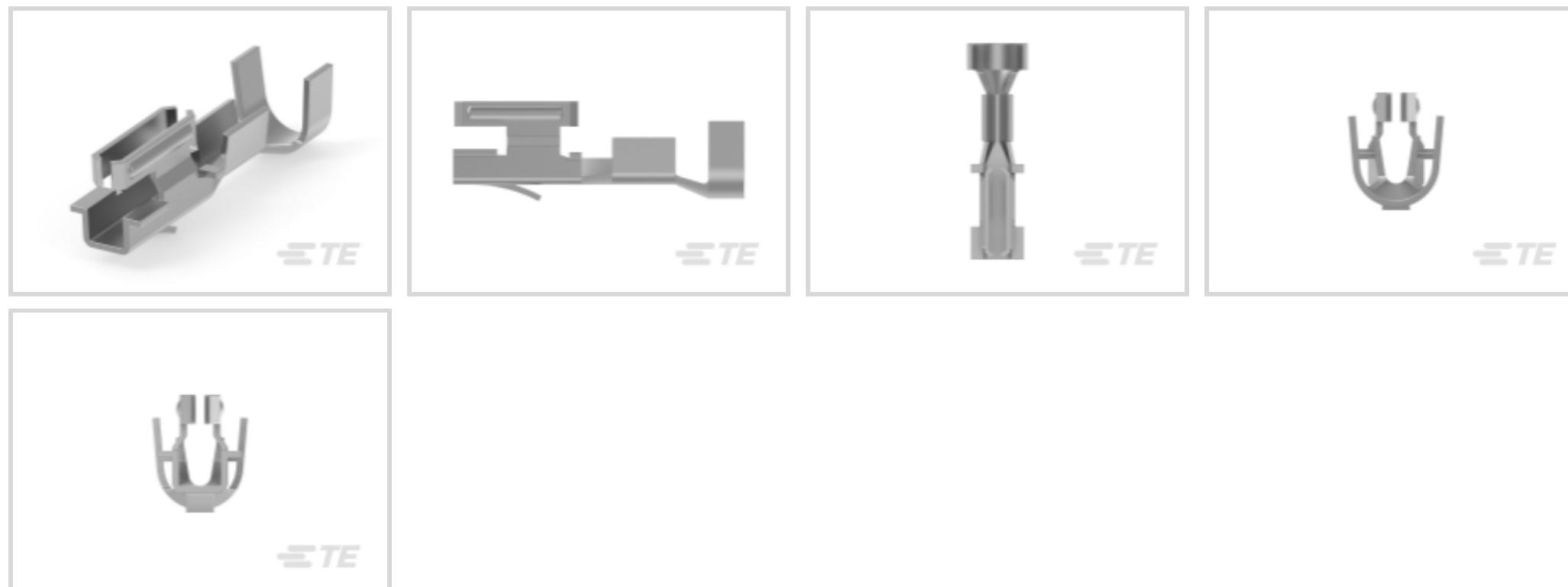
AMP

TE Internal #: 350822-1

Hermaphroditic Contact, Tin, 600 VAC, 600 VDC, 16 - 12 AWG Wire

Size, 1.25 - 2 mm<sup>2</sup> Wire Size, Crimp, Phosphor Bronze, Power[View on TE.com >](#)

Connectors &gt; Contacts &gt; Connector Contacts

Contact Type: **Hermaphroditic**Contact Mating Area Plating Material: **Tin**Wire Contact Termination Area Plating Material: **Tin**Operating Voltage: **600 VDC**

## Features

### Product Type Features

Discrete Wire Type	Stranded
Sealable	No

### Electrical Characteristics

Operating Voltage	600 VDC
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### Contact Features

Wire Contact Termination Area Plating Thickness	2 - 4 µm[79 - 157 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2 µm[79 µin]
Contact Mating Area Plating Material Finish	Bright
Contact Orientation	Straight
Contact Type	Hermaphroditic
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze

Contact Current Rating (Max)

35 A

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

Product Terminates To

Wire &amp; Cable

**Mechanical Attachment**

Wire Insulation Support

With

**Dimensions**

Compatible Insulation Diameter Range

6.86 mm [.27 in]

Wire Size

1.25 - 2 mm<sup>2</sup>**Usage Conditions**

Operating Temperature Range

-55 - 85 °C [-67 - 185 °F]

**Operation/Application**

Circuit Application

Power

**Packaging Features**

Packaging Quantity

250

Packaging Method

Bag

**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 2024  
(240)Candidate List Declared Against: JAN 2024  
(240)

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>

## Customers Also Bought



TE Part # 643030-1  
05P UMNL STR/REL



TE Part # 641775-2  
04P UMNL STR/REL NATL

## Documents

### Product Drawings

#### HERM HI/CUR TERM 16-12 LP

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_350822-1\\_E.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_350822-1\\_E.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_350822-1\\_E.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_350822-1\\_D.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_350822-1\\_D.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_350822-1\\_D.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

### Instruction Sheets

#### Instruction Sheet (U.S.)

English

#### Crimping Die Assemblies 90347-2, 90348-2, and 90349-2

English