



AMP

TE Internal #: 2-66741-1

Power Contacts, Contact, Tin, 10 AWG Wire Size, 5 – 6 mm<sup>2</sup> Wire Size, Wire-to-Wire, Wire & Cable, Crimp, Power, Socket, -55 – 105 °C [-67 – 221 °F]

[View on TE.com >](#)

Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin**

Wire Size: **5 – 6 mm<sup>2</sup>**

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

**Features**

**Product Type Features**

Power Contact Type	Contact
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

**Electrical Characteristics**

Test Current	15 A
--------------	------

**Contact Features**

Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	15 A
Contact Type	Socket
Mating Tab Width	5.84 mm[.23 in]
Mating Tab Thickness	2.67 mm[.105 in]
Contact Base Material	Copper
Contact Mating Area Plating Material Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Thickness	1.27 μm[50 μin]
Wire Contact Termination Area Plating Material	Tin
Wire Contact Termination Area Plating Material Finish	Bright
Contact Orientation	Right Angle
Contact Underplating Material	Copper

**Termination Features**



Termination Method to Wire &amp; Cable

Crimp

### Mechanical Attachment

Wire Insulation Support

With

### Dimensions

Wire Size

5 – 6 mm<sup>2</sup>

Accepts Wire Insulation Diameter Range

4.83 – 5.59 mm [.19 – .22 in]

### Usage Conditions

Operating Temperature Range

-55 – 105 °C [-67 – 221 °F]

### Operation/Application

Circuit Application

Power

### Packaging Features

Packaging Method

Bag

Packaging Quantity

100

### Other

Wire/Cable Type

Discrete Wire

For Use With

CPC Connectors, G Series Connectors, M Series Connectors

Comment

Hand Tool No. 69710-1 uses Die Insert No. 90145-2 for 16 AWG and Die Insert No. 90145-1 for 14-12 AWG wire.

## Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant

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 2022 (224)  
 Candidate List Declared Against: JAN 2022 (223)  
 SVHC > Threshold:  
 Pb (3.4% in BODY & NUT)  
**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

BFR/CFR/PVC Free, but Br/Cl &gt;900 ppm in other sources.

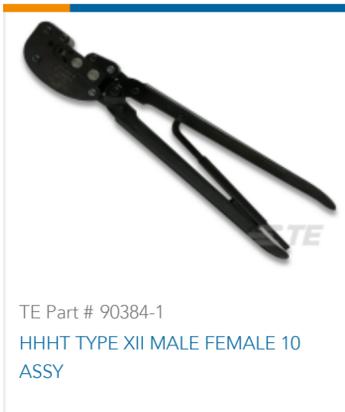
## Solder Process Capability

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



## Documents

## Product Drawings

TYPE XII FEMALE CONT (L.P.)

English

## CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_2-66741-1\\_W.2d\\_dxf.zip](#)

English

## 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-66741-1\\_W.3d\\_igs.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_2-66741-1\\_W.3d\\_stp.zip](#)

English

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

---

**Datasheets & Catalog Pages**

[Products for Aerospace and Defense](#)

English

---

**Product Specifications**

[Application Specification](#)

English