



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**  
Contact Mating Area Plating Material: **Gold**  
Wire Contact Termination Area Plating Material: **Gold**  
Contact Retention Within Housing: **With**  
Contact Retention Type Within Housing: **Snap-In**

Features

Product Type Features

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

Contact Features

|                                                       |                             |
|-------------------------------------------------------|-----------------------------|
| Mating Pin Diameter                                   | 2.38 mm[.094 in]            |
| Contact Underplating Material Thickness               | 1.27 - 1.29 µm[52 - 50 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright                      |
| Contact Mating Area Plating Material Thickness        | 2 - 3 µm[2 - 3 µin]         |
| Contact Mating Area Plating Material Finish           | Bright                      |
| Contact Orientation                                   | Straight                    |
| Contact Underplating Material                         | Nickel                      |
| Contact Type                                          | Pin                         |
| Contact Mating Area Plating Material                  | Gold                        |
| Wire Contact Termination Area Plating Material        | Gold                        |
| Contact Retention Within Housing                      | With                        |
| Contact Size                                          | Size 16                     |



|                              |                 |
|------------------------------|-----------------|
| Contact Base Material        | Phosphor Bronze |
| Contact Current Rating (Max) | 23 A            |

Termination Features

|                                    |              |
|------------------------------------|--------------|
| Termination Method to Wire & Cable | Crimp        |
| Product Terminates To              | Wire & Cable |

Mechanical Attachment

|                                       |         |
|---------------------------------------|---------|
| Wire Insulation Support               | Without |
| Contact Retention Type Within Housing | Snap-In |

Dimensions

|           |           |
|-----------|-----------|
| Wire Size | 2 - 3 mm² |
|-----------|-----------|

Operation/Application

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

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
| Packaging Method   | Bag |

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: JAN 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (2.5% in Component Part)<br><small>Article Safe Usage Statements:<br/>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.</small> |
| 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

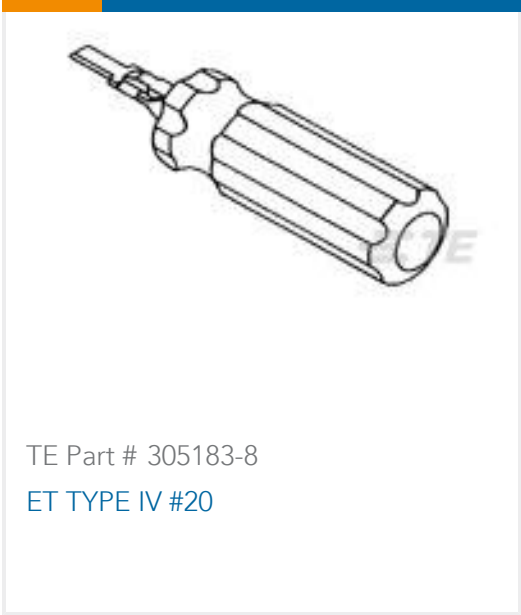


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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



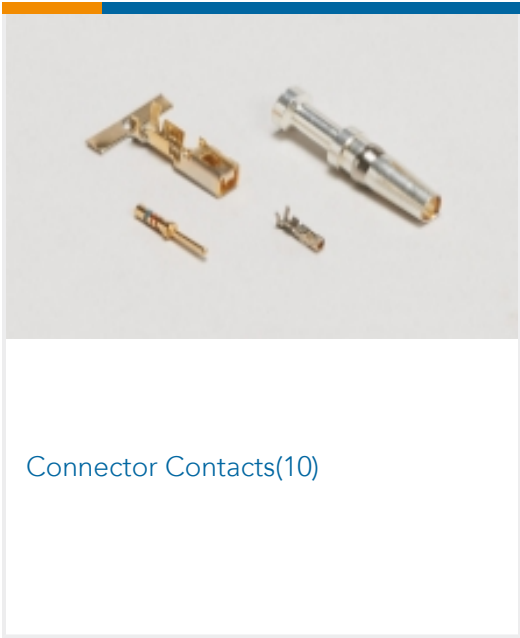
TE Part # 202417-1  
SKT CONT ASSY,TYPE I



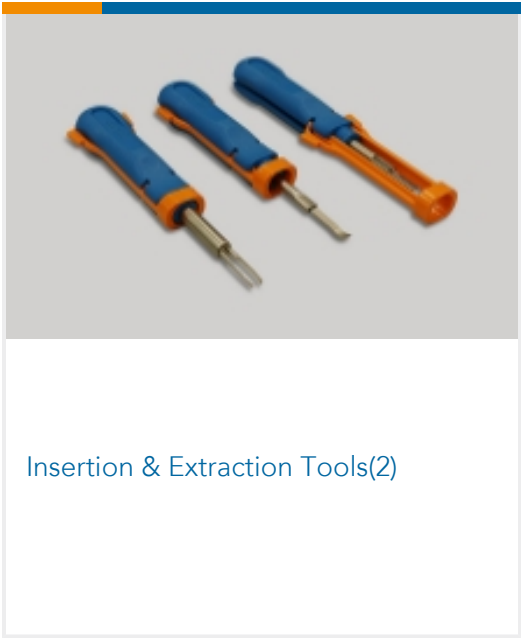
TE Part # 305183-8  
ET TYPE IV #20

Also in the Series

METRIMATE Power VIII



Connector Contacts(10)



Insertion & Extraction Tools(2)

### Customers Also Bought



TE Part # 201568-1  
CONTACT SOCKET ASSY.



TE Part # 1393240-4  
RT314524



TE Part # 34158  
TERMINAL,PG R 16-14 6

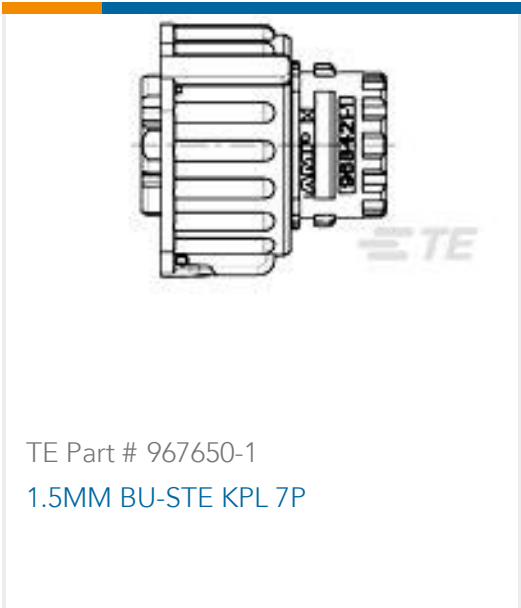


TE Part # HD34-24-23PE  
REC, 23P, AL, E, 16, P





TE Part # 5266190001  
D-SCE Fluid Resistant Sleeves



TE Part # 967650-1  
1.5MM BU-STE KPL 7P



TE Part # 1-6609028-0  
5VK3=F7140 S0



TE Part # 3-1105050-2  
HN.D-C-STI.AU.0,75

Documents

Product Drawings

PIN CONT ASSY,TYPE I

English

CAD Files

Customer View Model

ENG\_CVM\_202422-1\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_202422-1\_H.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_202422-1\_H.2d\_dxf.zip

English

3D PDF

English

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

Datasheets & Catalog Pages

Power Contacts

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

Product Specifications

Product Specification

English

Product Specification

Japanese

Connector, Breakaway

English

Product Specification

English

Contact, Type I, Crimp Type for Electrical Connectors

English



Instruction Sheets

Instruction Sheet (U.S.)

English

AMP SELECTION CHART FOR AMP TYPE I PIN AND SOCKET CONTACTS

English

Instruction Sheet (U.S.)

English

Type I Contact Crimping Die-Set for use in Air Guns

English