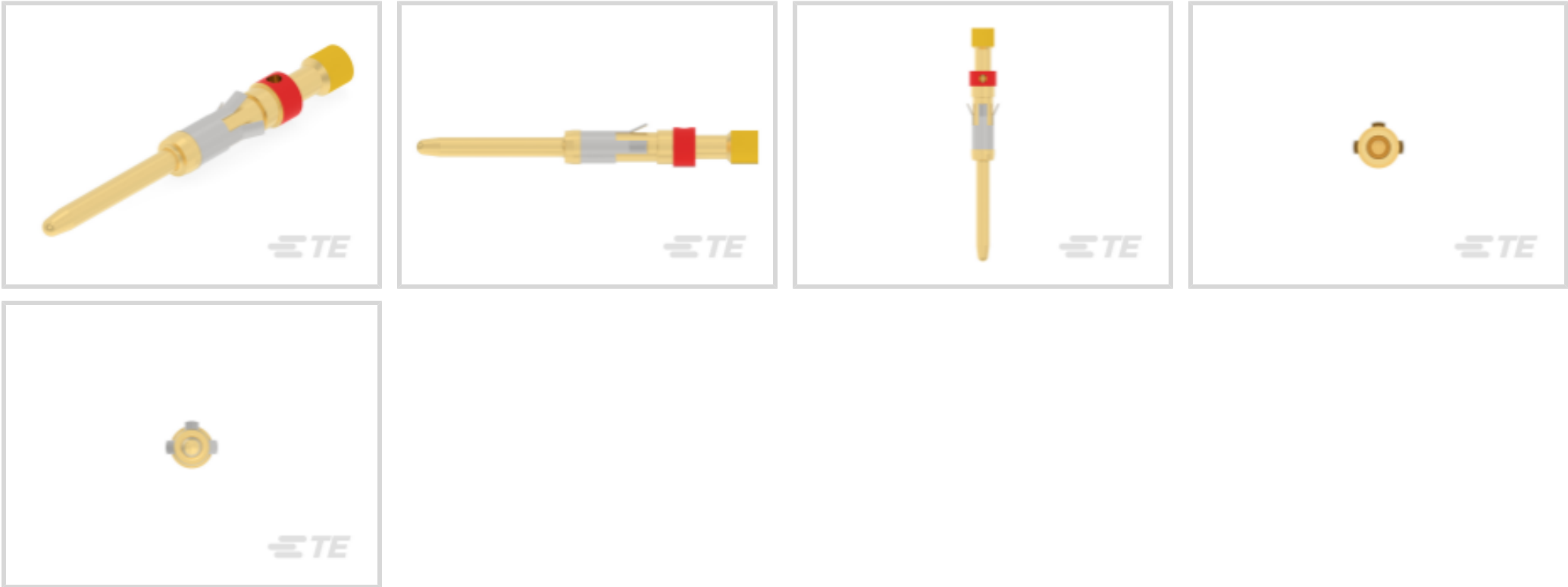




Connectors > Contacts > Connector Contacts > Pin and Socket Contacts, Type II



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**

[All Pin and Socket Contacts, Type II \(16\)](#)

Features

Product Type Features

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

Contact Features

|                                                 |                  |
|-------------------------------------------------|------------------|
| Mating Pin Diameter                             | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness         | 1.27 µm[50 µin]  |
| Wire Contact Termination Area Plating Thickness | .76 µm[30 µin]   |
| Contact Mating Area Plating Material Thickness  | .76 µm[30 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        | Brass   |
| Contact Current Rating (Max) | 13 A    |

Termination Features

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

Mechanical Attachment

|                                       |         |
|---------------------------------------|---------|
| Wire Insulation Support               | With    |
| Contact Retention Type Within Housing | Snap-In |

Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Compatible Insulation Diameter Range | 1.02 – 1.57 mm[.04 – .062 in] |
| Wire Size                            | .2 – .6 mm <sup>2</sup>       |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-55 – 302 °F] |
|-----------------------------|----------------------------|

Operation/Application

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

Identification Marking

|                    |            |
|--------------------|------------|
| Contact Color Code | Yellow/Red |
|--------------------|------------|

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 900 |
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>SVHC > Threshold:<br>Pb (2.5% in Component Part)<br><small>Article Safe Usage Statements:</small> |



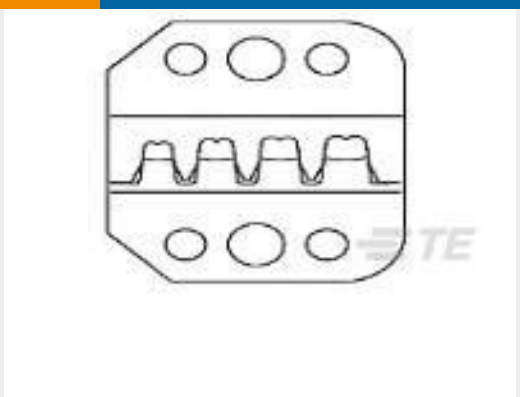
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

|                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                                                       |                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-AM71-C83998C<br/>Circular Plastic Connector, CMC Series 1</p> |  <p>TE Part # CAT-AM71-C83998Y<br/>One-Piece Connector, Sealed, CPC Series 1</p> |  <p>TE Part # CAT-AM71-C83998J<br/>Cable/Panel Mount Connector, CPC Series 1</p> |  <p>TE Part # CAT-AM71-C83998K<br/>Circular Connector, Environmentally Sealed, CPC Series 6</p> |
|  <p>TE Part # 200893-2<br/>INSERTION TOOL CONT</p>                              |  <p>TE Part # 539972-1<br/>EXTRACTION TOOL</p>                                   |  <p>TE Part # 305183<br/>EXTRACT TOOL TYPE 2 20-16</p>                           |  <p>TE Part # 132312-1<br/>CONTACT PIN TYPE 2 AWG 24-20</p>                                     |
|  <p>TE Part # 601967-1<br/>CRIMPING TOOL M22520/1-01</p>                        |  <p>TE Part # 58541-1<br/>PRO-CRIMPER HAND TOOL &amp; DIE</p>                    |  <p>TE Part # 58541-2<br/>PRO-CRIMPER HAND TOOL DIE</p>                          |  <p>TE Part # 91538-1<br/>CCII TYPE II PIN SKT 30-20 ASSY</p>                                   |





TE Part # 1-601967-6  
POSITIONER TYPE II CONTACTS

Also in the Series

AMP Type II

Connector Contacts(35)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #5499160-4  
A/L UNIV HDR 20P VERT SHT LAT

TE Part #2-1589455-8  
SSL015PC2DC018 = WDUALOBE

TE Part #5650858-5  
ASSEMBLY,RECEPTACLE,EUROCARD, T

TE Part #202508-1  
CONTACT SOCKET ASSY.

TE Part #1SNG601118R0000  
EP-SG-M40-LGR-A

TE Part #228635-1  
SMA PLUG W/O CENTER CONT

TE Part #610016-000  
D-300-03

TE Part #ZPF000000000001229  
097-0140-20

TE Part #AAA8911-00  
91D3-12-07-1-B-HE100

TE Part #309031-004  
TU-40-050-28B



Documents

Product Drawings

CONTACT PIN ASSY.

English

CAD Files

Customer View Model

ENG\_CVM\_201578-1\_U.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_201578-1\_U.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_201578-1\_U.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_201578-1\_AD.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_201578-1\_AD.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_201578-1\_AD.3d\_stp.zip

English

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

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

Product Specifications

Application Specification

Japanese

Application Specification

English

Type II Screw Machine Contacts





Japanese

Application Specification

Japanese

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English

Application and Maintenance for Crimping Die Assemblies

English

Instruction Sheet (U.S.)

English