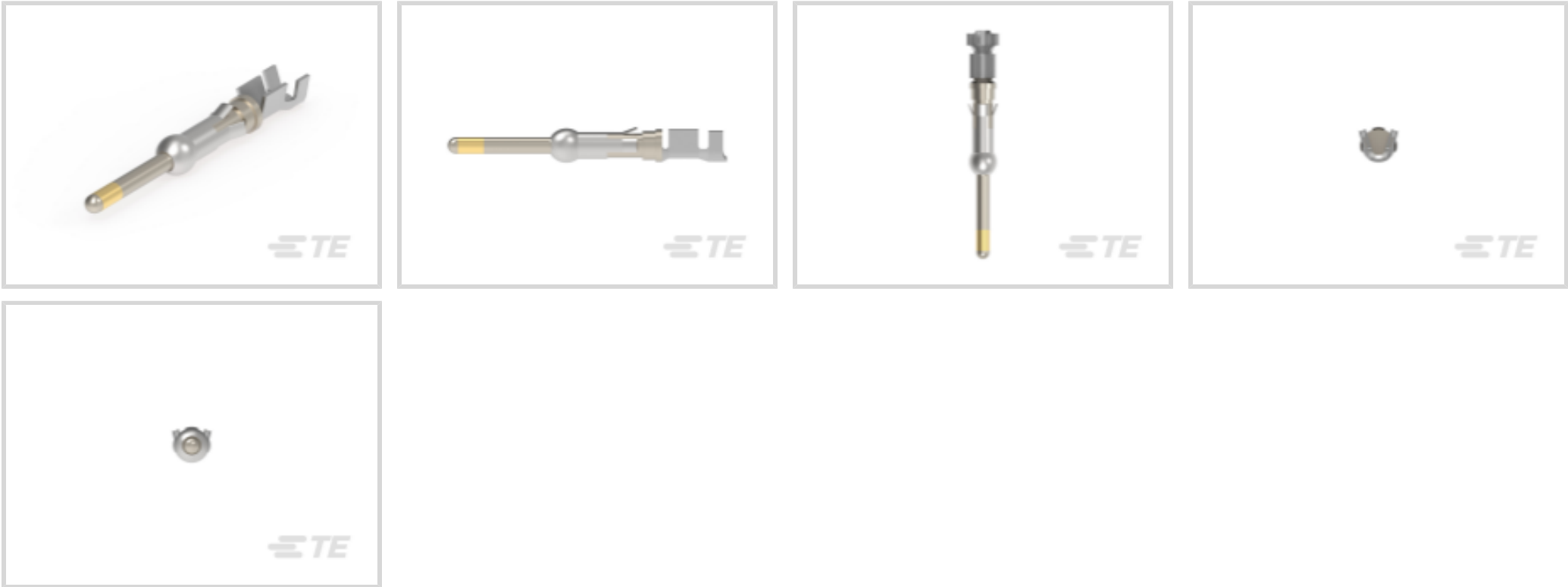




Connectors > Contacts > Connector Contacts



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

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness               | 1.27 µm[50 µin]  |
| Contact Mating Area Plating Material Thickness        | .38 µm[15 µin]   |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Shape & Form                                  | Round            |
| Wire Contact Termination Area Plating Thickness       | 1.27 µm[50 µin]  |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Gold (Au)        |
| Wire Contact Termination Area Plating Material        | Tin              |
| 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 | 2.03 – 2.54 mm[.08 – .1 in] |
| Wire Size                            | .8 – 1.4 mm²                |

Usage Conditions

|                             |                           |
|-----------------------------|---------------------------|
| Operating Temperature Range | -55 – 90 °C[-67 – 194 °F] |
|-----------------------------|---------------------------|

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

|                    |                  |
|--------------------|------------------|
| Packaging Quantity | 100              |
| Packaging Method   | Box, Loose Piece |

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 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>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>

Compatible Parts

TE Part # 58495-2  
PROCRIMPER DIE ASSY MULTIMATE

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 169400  
CERTI-LOK FRAME W/O DIES

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 91505-1  
CCII TYPE III+ 24-16 ASSY

TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

Also in the Series | AMP Type III+

Connector Contacts(260)

Insertion & Extraction Tools(4)

Power Contacts(260)

Also in the Series | Circular Plastic Connectors Series 1





Circular Power Connectors(211)



Connector Contacts(260)



Power Contacts(260)

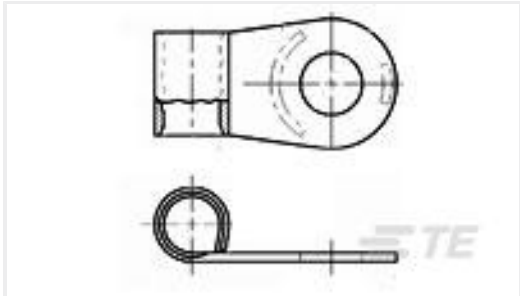
Customers Also Bought



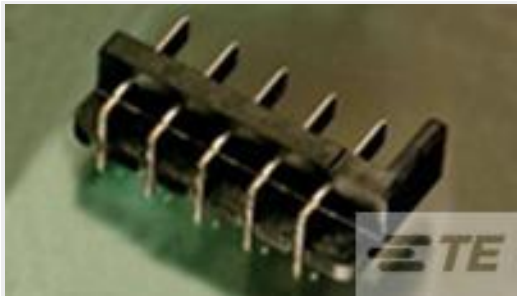
TE Part #172335-1  
MINI UMNL PLUG HOUSING 1P



TE Part #2083112-4  
CABLE ASSY IND. USB-IND. USB TYPE A



TE Part #322727  
TERMINAL,SOLIS FLAG R 8 1/4



TE Part #5787246-1  
HDR ASY,RA,LKEY,STR TAIL,10.8V



TE Part #172327-1  
UNIV M-N-L HSG



TE Part #52042-3  
TERMINAL,R PG 6 1/4



TE Part #T4030014031-000  
M8.MLE.PNLREAR.3POS.STR



TE Part #CAT-104CST-RCPHS  
Receptacle Housing: 2.54mm, 1 Row, CST-100 II



TE Part #T4113512041-000  
M12 M, 4P GOLD D\_CODE RA SHIELDED PG9

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-66099-3\_AE.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-66099-3\_AE.3d\_igs.zip

1-66099-3

Pin Contact, Gold (Au), Snap-In Contact Retention, Size 16 Contact Size, 18 – 16 AWG, .8 – 1.4 mm<sup>2</sup> Wire, Crimp, Brass, Power & Signal, AMP Type III+



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66099-3\\_AE.3d\\_stp.zip](#)

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 \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English