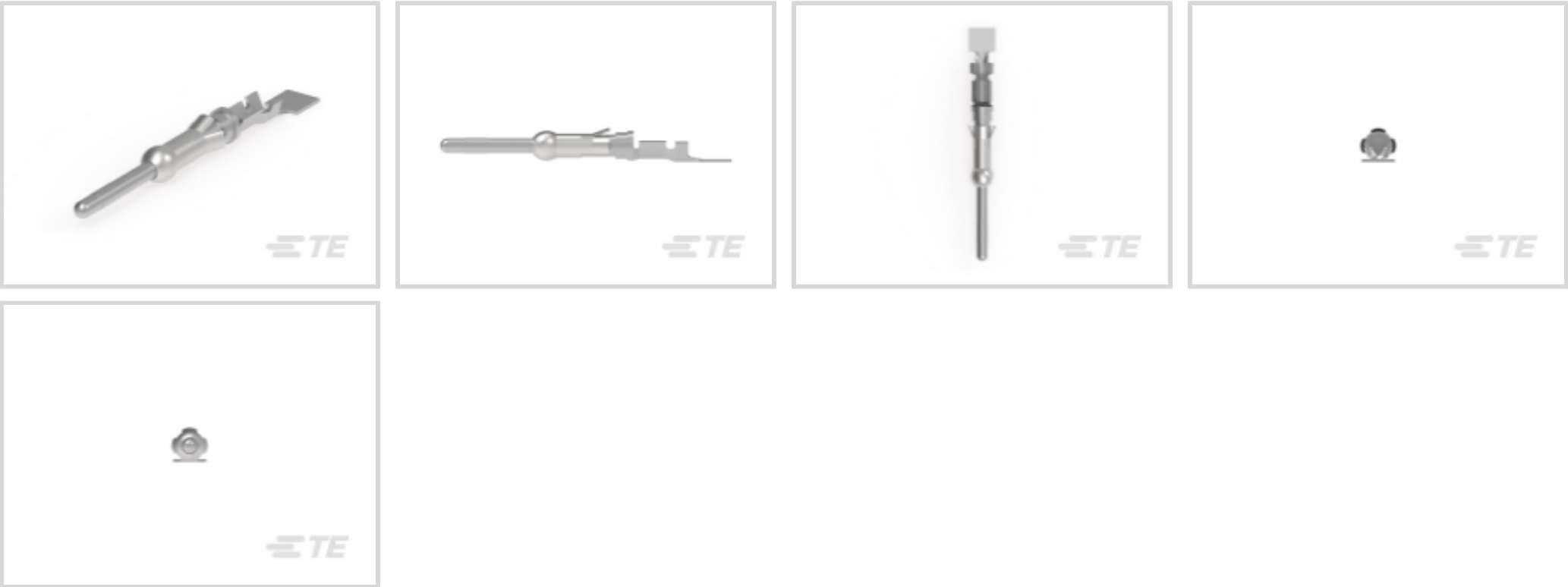




Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

Wire Contact Termination Area Plating Material: **Gold**

Contact Size: **Size 16**

Wire Size: **24 – 20 AWG**

Features

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       | .25 µm[10 µin]   |
| Wire Contact Termination Area Plating Material Finish | Matte            |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Contact Orientation                                   | Straight         |
| Contact Underplating Material                         | Nickel           |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Precious Metal   |
| Wire Contact Termination Area Plating Material        | Gold             |
| 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 |
|-------------------------|------|

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.02 – 2.03 mm[.04 – .08 in] |
| Wire Size                            | .2 – .6 mm <sup>2</sup>      |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 150 °C[-67 – 302 °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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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 # 91515-1  
CCI TYPE III+ MNL PIN SKT 30-20 ASSY

TE Part # 58495-2  
PROCRIPPER DIE ASSY MULTIMATE

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

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 58495-1  
PRO CRIMPER ASSY MULTIMATE

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

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

Also in the Series | AMP Type III+

Connector Contacts(400)

Insertion & Extraction Tools(4)

Customers Also Bought

TE Part #1-1462051-6  
HF3 52=50 OHM 140MW 4.5V MONO

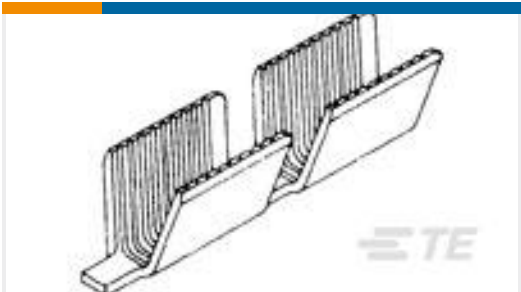
TE Part #1-5227079-6  
COMM BNC PLUG

TE Part #52263-2  
TERMINAL R PG 8 10

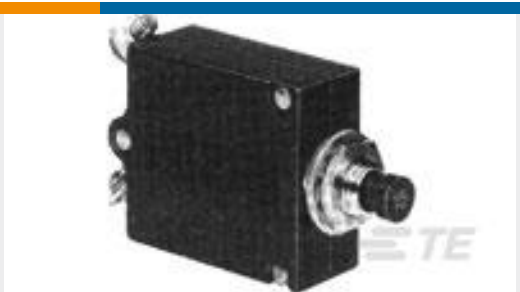
TE Part #60598-3  
058PIN REC IS 22-20 010PTPPHBZ



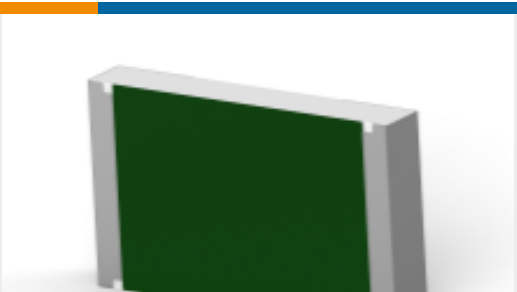
TE Part #292228-4  
1.5 MINI CT SGL H SMT W/O BOSS



TE Part #62307-2  
AMVAR SPLC 1500-5000 016TPBR



TE Part #7-1393246-1  
W23-X1A1G-30=W23/W31



TE Part #9-2176400-7  
3540 10K 1%



TE Part #206126-1  
CPC PLUG ASSEMBLY SIZE 17-28



TE Part #1618408-2  
LEV100H5CNG = CONTACTOR WITH  
AUX SPST

Documents

Product Drawings

III+ PIN,24-20,30AU>10,SMPACK

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-66103-4\_AL.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-66103-4\_AL.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-66103-4\_AL.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

1-66103-4

Pin Contact, Precious Metal, Size 16 Contact Size, 24 – 20 AWG Wire Size, .2 – .6 mm<sup>2</sup>  
Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

