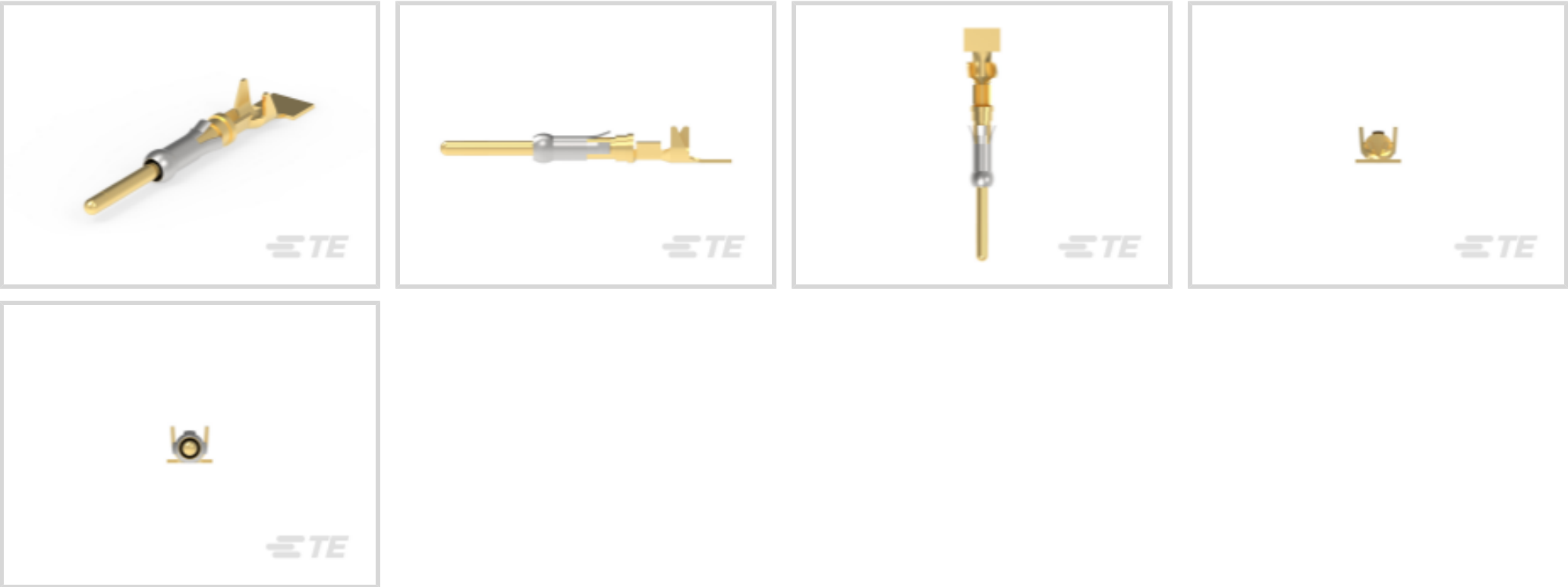




Connectors > Contacts > Connector Contacts > Strip Pin and Socket Contacts, Type III



Contact Type: **Pin**

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

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

[All Strip Pin and Socket Contacts, Type III \(55\)](#)

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       | 1.27 µm[50 µin]  |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Contact Orientation                                   | Straight         |
| Contact Underplating Material                         | Nickel           |
| Barrel Type                                           | Open             |
| Contact Type                                          | Pin              |
| Contact Mating Area Plating Material                  | Precious Metal   |
| 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 |
|-------------------------|------|

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Compatible Insulation Diameter Range | 1.52 – 3.05 mm[.06 – .12 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 |
|---------------------|----------------|

Identification Marking

|                    |        |
|--------------------|--------|
| Contact Color Code | Yellow |
|--------------------|--------|

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 4000 |
| Packaging Method   | Reel |

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

|                                                                                                                                                                    |                                                                                                                                                                      |                                                                                                                                                                       |                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <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 # 91542-1<br/>CCII TYPE III+ PIN SKT 24-22 ASSY</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 # 2151669-1<br/>OCEAN-2.0-APPLICATOR-S-062F120O-RSM</p>             |  <p>TE Part # 2151669-2<br/>OCEAN-2.0-APPLICATOR-S-062F120OA-RSA</p>             |  <p>TE Part # 2305570-1<br/>Strip Terminal Cutter-Side Feed-No Crimp</p>         |  <p>TE Part # 5-2151669-1<br/>OCEAN-2.0-APPLICATOR-S-062F120O-RSM</p>                           |





TE Part # 5-2151669-2

OCEAN-2.0-APPLICATOR-S-062F120O-RSA



TE Part # 7-2151669-7

OCEAN\_2.0\_SPARE\_PART\_KIT-062F120O

Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #4-640441-6

16P MTA100 CONN ASSY WHT



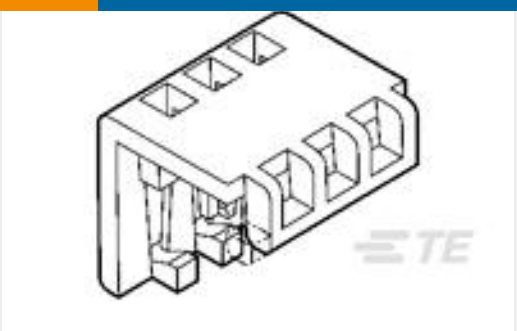
TE Part #2-36158-1

PIDG 16-14 R 6; TAPE



TE Part #66563-8

III+ SKT,24-20,30AU/FL,STRIP



TE Part #2-643075-0

20P MTA100 MOLDED COVER



TE Part #36927

BODY SOLIS RING 3/0 3/8



TE Part #66102-3

III+ PIN,24-20,15AU/FL,STRIP



TE Part #1-66358-9

III+ SKT,18-14,30AU/FL,STRIP



TE Part #0528-004-3805

BKSHL, 38P, BLK, PLG, RA



TE Part #2320921-3

AS16,PLUG ASSY,HT,03P,N SEAL, CODE C



TE Part #4-539785-7

KLAPPOSITIONIERER



Documents

Product Drawings

III+ PIN,24-20,30AU/FL,STRIP

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_66564-8\_AC.2d\_dxf.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_66564-8\_AC.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_66564-8\_AC.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

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English