



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**  
Contact Mating Area Plating Material: **Gold (Au)**  
Wire Contact Termination Area Plating Material: **Tin**  
Contact Retention Within Housing: **With**  
Contact Size: **Size 16**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Barrel Type                                           | Open             |
| Contact Type                                          | Socket           |
| 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             |
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Mating Area Plating Material Thickness        | .76 µm[30 µin]   |
| Contact Mating Area Plating Material Finish           | Bright           |
| Wire Contact Termination Area Plating Thickness       | 1.27 µm[50 µin]  |
| Wire Contact Termination Area Plating Material Finish | Matte            |
| Contact Orientation                                   | Straight         |
|                                                       |                  |



|                                         |                |
|-----------------------------------------|----------------|
| Contact Underplating Material           | Nickel         |
| Contact Underplating Material Thickness | .76 µm[30 µin] |

Termination Features

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

Mechanical Attachment

|                         |      |
|-------------------------|------|
| Wire Insulation Support | With |
|-------------------------|------|

Dimensions

|                                      |                              |
|--------------------------------------|------------------------------|
| Wire Size                            | .2 – .6 mm²                  |
| Compatible Insulation Diameter Range | 1.52 – 3.05 mm[.06 – .12 in] |

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 | 1000        |
| Packaging Method   | Box, Carton |

Product Compliance

For compliance documentation, visit the product page on TE.com>

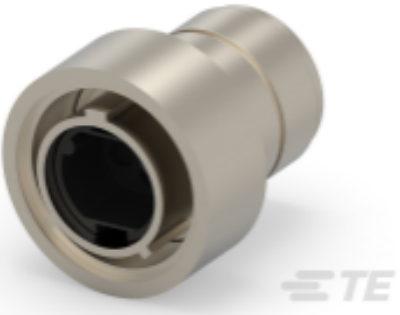
|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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 # 208714-2<br/>CMC PLUG ASSEMBLY,SZ 14-7</p>    |  <p>TE Part # 208488-3<br/>CMC PLUG ASSEMBLY,SZ 22</p> |  <p>TE Part # 206554-1<br/>CPC PLUG ASSEMBLY SIZE 17-16</p>                  |  <p>TE Part # 213852-1<br/>CPC PLUG ASSEMBLY SIZE 23-19</p> |
|  <p>TE Part # 211772-1<br/>CPC PLUG ASSEMBLY SIZE 23-19</p> |  <p>TE Part # 208470-3<br/>CMC PLUG ASSEMBLY,SZ 28</p> |  <p>TE Part # 206305-1<br/>CPC PLUG ASSEMBLY SIZE 23-37</p>                  |  <p>TE Part # 206060-1<br/>CPC PLUG ASSEMBLY SIZE 11-4</p>  |
|  <p>TE Part # 211766-1<br/>CPC PLUG ASSEMBLY SIZE 17-9</p>  |  <p>TE Part # 208720-1<br/>PLUG ASSY,SZ 14,CMC</p>     |  <p>TE Part # 1977887-1<br/>PLUG.ASSY,23-37STD SEX THRD AD,<br/>UV RESIS</p> |  <p>TE Part # 305183<br/>EXTRACT TOOL TYPE 2 20-16</p>      |



TE Part # 788153-2  
SLD CPC PLUG ASSY,11-4,REV SEX

TE Part # 91542-1  
CCII TYPE III+ PIN SKT 24-22 ASSY

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 213849-1  
CPC PLUG ASSEMBLY SIZE 17-16

TE Part # 211770-2  
CPC PLUG ASSEMBLY SIZE 23-19

TE Part # 208718-2  
CMC PLUG ASSEMBLY,SZ 14-5

TE Part # 1977878-1  
SLD CPC PLUG ASY,11-4,STD SEX, UV RESIST

TE Part # 213853-1  
CPC PLUG ASSEMBLY SIZE 23-19

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

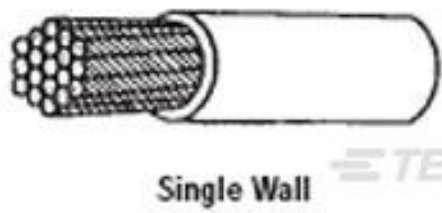
Circular Power Connectors(211)

Connector Contacts(260)

Power Contacts(260)

Customers Also Bought





TE Part #011083-000  
[82A0111-8-9](#)



TE Part #11027289-00  
[44011RC-BP,THERM,ROHS](#)



TE Part #NB14614001  
[VERSAFIT-3/8-9-SP](#)



TE Part #42506-2  
[250 FASTON TAB TPBR](#)



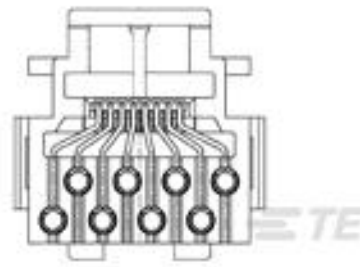
TE Part #3-87977-0  
[10 MODIV HSG COMP DR .100 POL](#)



TE Part #193643-1  
[SKT ASSY. ,POWER, #10-12 AWG](#)



TE Part #213426-1  
[PLG HSG,3 POWR,12 SGNL,METRI](#)



TE Part #216005-1  
[8P. TOOLLESS MOD J.](#)



TE Part #2-1630019-4  
[HSC200 56R 5%](#)



TE Part #1-2176249-4  
[TJT 300W 150R 5%](#)

Documents

Product Drawings

[III+ SKT,24-20,30AU/FL,LP](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_66565-4\\_H.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_66565-4\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_66565-4\\_H.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages



AMP Circular Connectors for Commercial Signal & Power Applications

English

Signal Contacts

English

M\_SERIES\_PIN\_AND\_SOCKET\_CONNECTORS

English

AMP Circular Connectors for Commercial Signal & Power Applications Continued

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English