



Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Tin (Sn)**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Contact Features

|                                                       |                  |
|-------------------------------------------------------|------------------|
| Contact Underplating Material                         | Nickel           |
| Contact Orientation                                   | Straight         |
| Mating Pin Diameter                                   | 1.57 mm[.062 in] |
| Contact Underplating Material Thickness               | .76 µm[30 µin]   |
| Contact Mating Area Plating Material Thickness        | 2.54 µm[100 µin] |
| Wire Contact Termination Area Plating Material Finish | Bright           |
| Wire Contact Termination Area Plating Thickness       | 2.54 µm[100 µin] |
| Contact Type                                          | Socket           |
| Contact Mating Area Plating Material                  | Tin (Sn)         |
| Wire Contact Termination Area Plating Material        | Tin              |
| Contact Retention Within Housing                      | With             |
| Contact Size                                          | Size 16          |
| Contact Base Material                                 | Phosphor Bronze  |
| 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 | 2.03 – 2.54 mm[.08 – .1 in] |
| Wire Size                            | .8 – 2 mm²                  |

Usage Conditions

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

Operation/Application

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

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: 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 # 2151101-1  
OCEAN\_2.0\_APPLICATOR-S-090F120O-RSM

TE Part # 305183  
EXTRACT TOOL TYPE 2 20-16

TE Part # 7-2151101-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-090F120O

TE Part # 200893-2  
INSERTION TOOL CONT

TE Part # 5-2151101-2  
OCEAN\_2.0\_APPLICATOR-S-090F120O-RSA

TE Part # 5-2151101-1  
OCEAN\_2.0\_APPLICATOR-S-090F120O-RSM

TE Part # 2151101-2  
OCEAN\_2.0\_APPLICATOR-S-090F120O-RSA

TE Part # 539972-1  
EXTRACTION TOOL

TE Part # 2305570-1  
Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 91519-1  
CCII TYPE III+ PIN SKT 18-14 ASSY

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)

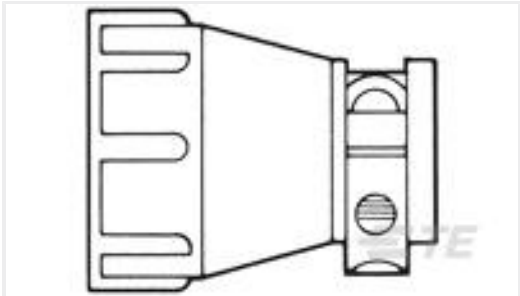


Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #1-206062-5  
CABLE CLAMP KIT, BULK PKG



TE Part #41711  
RING TERMINAL 22-18 AWG TPBR



TE Part #HD10-9BT-BK  
BOOT, 9P, PLG/REC, ST, BLK



TE Part #TCX38721112-002  
RPC-M12X-8MS-1.0SH-RJ45-8MS-PVC



TE Part #HD10-9-1939PE-B022  
REC, 9P, BLK, E, PANEL, J1939, TYPE 1



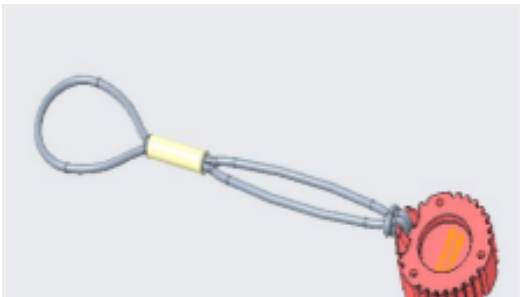
TE Part #HDC14-3  
DUST CAP



TE Part #DT4S-BT  
BOOT, 4P, PLG, ST, GRY



TE Part #CAR3PC68  
CAR PLUG DIN9680 3way, IP68



TE Part #HDC9-JDL082397  
DUST CAP, 9P, REC, BLK, LANYARD, HD10



TE Part #035377P006  
ES1000-NO.3-B8-X-50MM

Documents

Product Drawings

III+ SKT,18-14,TIN ,STRIP

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-66358-8\_AR.2d\_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66358-8\\_AR.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-66358-8\\_AR.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

Product Specifications

[Application Specification](#)

English