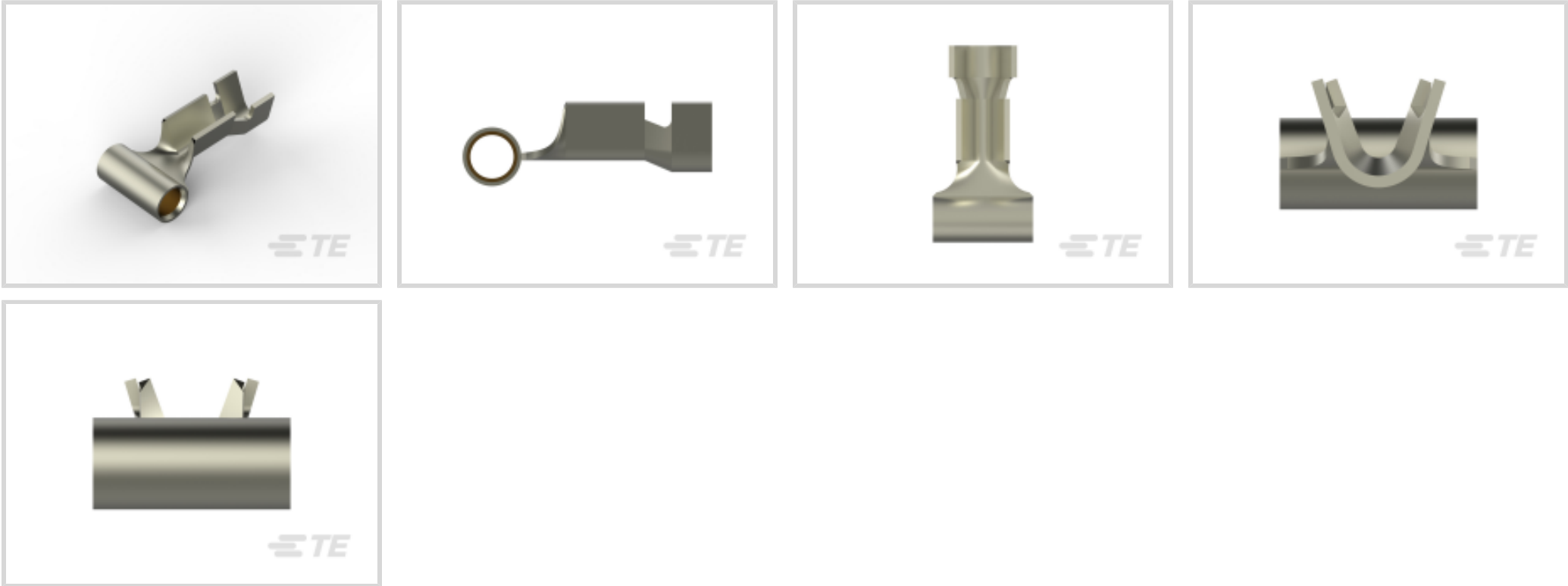




Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**  
PCB Hole Diameter: **6.7 mm [ .263 in ]**  
Mating Pin Diameter: **1.47 mm [ .058 in ]**  
Compatible Insulation Diameter (Max): **1.78 mm [ .07 in ]**  
Compatible Insulation Diameter Range: **1.14 – 1.78 mm [ .045 – .07 in ]**

Features

Product Type Features

|                   |           |
|-------------------|-----------|
| Terminal Features | Stud Hole |
|-------------------|-----------|

Contact Features

|                                                |                          |
|------------------------------------------------|--------------------------|
| Contact Underplating Material Thickness        | 1.27 µm[50 µin]          |
| Contact Mating Area Plating Material Thickness | .38 – .5 µm[15 – 20 µin] |
| PCB Terminal Type                              | Receptacle               |
| Mating Pin Diameter                            | 1.47 mm[.058 in]         |
| Terminal Plating Material                      | Gold                     |
| Contact Underplating Material                  | Nickel                   |
| Terminal Orientation                           | Flag                     |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Product Terminates To     | Wire & Cable          |

Mechanical Attachment

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



Dimensions

|                                      |                               |
|--------------------------------------|-------------------------------|
| Terminal Material Thickness          | .25 mm[.01 in]                |
| PCB Hole Diameter                    | 6.7 mm[.263 in]               |
| Compatible Insulation Diameter (Max) | 1.78 mm[.07 in]               |
| Compatible Insulation Diameter Range | 1.14 – 1.78 mm[.045 – .07 in] |
| Wire Size                            | .2 – .6 mm²                   |

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Insulation Option           | Uninsulated                |
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 7000 |
| 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 # 4150165-1  
OCEAN-2.0-APPLICATOR-E-055F080O-SEM

TE Part # 91507-1  
CCII .058 REC P.C. 24-20 ASSY

TE Part # 7-4150165-7  
OCEAN\_2.0\_SPARE\_PART\_KIT-055F080O

TE Part # 4150165-2  
OCEAN-2.0-APPLICATOR-E-055F080O-SEA

TE Part # 453850-1  
INSERTION EXTRACTION TOOL

Customers Also Bought

TE Part #102348-2  
MOD IV RECP LP

TE Part #450213-000  
CTA-0165

TE Part #155880-000  
CWT-11

TE Part #50845-2  
TERM, STRAT, PIDG, PTFE, R, 12-10, 10

TE Part #260607-000  
55A1132-22-MST3-9CS2275

TE Part #1445693-3  
SOCKET CONTACT,QUADRAX,SZ8,RR

TE Part #2-1617754-1  
FCA-410-1622M=M83536/16-022M

TE Part #042787J001  
V4-1.5-0-SP-SM

TE Part #587763-000  
CWT-11-W122-5

TE Part #331249-000  
55PC0211-20-9CS2502



Documents

Product Drawings

PIN RECPT .058 R/A

English

CAD Files

Customer View Model

ENG\_CVM\_61119-1\_G.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_61119-1\_G.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_61119-1\_G.2d\_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_61119-1\_Y.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_61119-1\_Y.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_61119-1\_Y.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

Japanese

Instruction Sheet (U.S.)

English

Insertion/Extraction Tool

English

61119-1

Receptacle, 6.7 mm [.263 in] PCB Hole, 24 – 20 AWG, .2 – .6 mm<sup>2</sup> Wire, Through Hole  
- Solder, Gold Plating, Reel, PCB Terminals

