

AMP-IN

TE Internal #: 640259-1  
Receptacle, 22 – 17 AWG Wire Size, .3 – 1 mm² Wire Size, Through Hole - Solder, Tin Plating, Copper, Reel, Terminates To Wire & Cable, PCB Terminals

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**  
Mating Pin Diameter: **1.47 mm [ .058 in ]**  
Wire Size: **.3 – 1 mm²**  
Termination Method to PCB: **Through Hole - Solder**

Features

Product Type Features

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

Contact Features

|                                                |                              |
|------------------------------------------------|------------------------------|
| Contact Mating Area Plating Material Thickness | 2.03 – 5.08 µm[80 – 200 µin] |
| PCB Terminal Type                              | Receptacle                   |
| Mating Pin Diameter                            | 1.47 mm[.058 in]             |
| Terminal Plating Material                      | Tin                          |
| Contact Underplating Material                  | Copper                       |
| Terminal Size                                  | Miniature                    |
| Terminal Orientation                           | Straight                     |

Termination Features

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

Mechanical Attachment

|                         |         |
|-------------------------|---------|
| Wire Insulation Support | Without |
|-------------------------|---------|



Dimensions

|                             |                |
|-----------------------------|----------------|
| Terminal Material Thickness | .25 mm[.01 in] |
| Wire Size                   | .3 – 1 mm²     |

Usage Conditions

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

Packaging Features

|                    |       |
|--------------------|-------|
| Packaging Quantity | 12500 |
| 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



TE Part # 2063857-1  
[CCII .058 DIA REC CONT 24-18 ASSY](#)



TE Part # 2836431-2  
[OCEAN\\_2.0\\_Applicator-S-070F-RSA](#)



TE Part # 7-2836431-7  
[OCEAN\\_2.0\\_SPARE\\_PART\\_KIT-070F](#)

Customers Also Bought



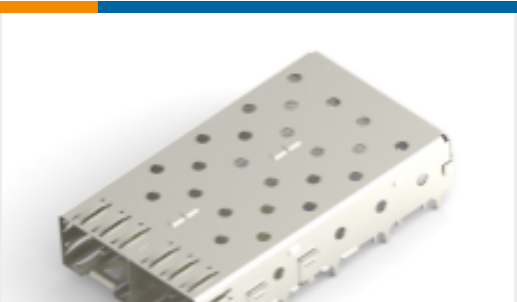
TE Part #1888247-2  
[20 POS SMT CONN, SFP/SFP+, 15A](#)



TE Part #2007263-1  
[SFP+ 1x2 Cage Assembly](#)



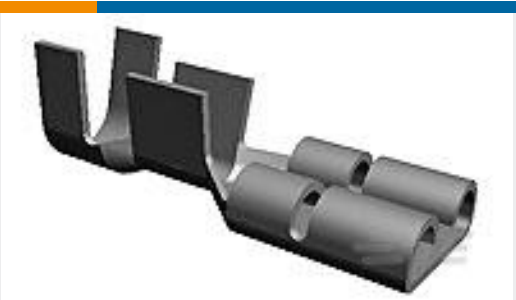
TE Part #928343-3  
[STD-TIMER GEH 3P](#)



TE Part #1761014-3  
[SFP 1X2 CAGE ASSY, PRESS FIT](#)



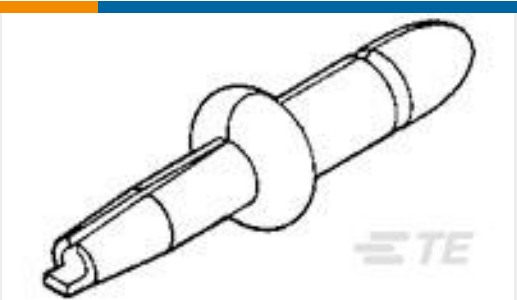
TE Part #42891-2  
[SHUR PLUG 180 RECEPTACLE 14-10 AWG TPBR](#)



TE Part #63674-1  
[250 FASTON REC 18-14 AWG NPST](#)



TE Part #1-480703-1  
[04P UMNL CAP HSG BRN](#)



TE Part #61018-1  
[.058 PCB PIN PTPPHBZ](#)



TE Part #40509  
[SPLICE 3300 TO 9000 CMA BR](#)



TE Part #456868-130-01  
[OPT.CONTACT MC3/2 SPRUNG. PILTZ FERRULE 2](#)

Documents

Product Drawings

[058 PIN REC IS 18-22 010TP](#)

English

CAD Files

Customer View Model

[ENG\\_CVM\\_640259-1\\_E.3d\\_igs.zip](#)

English

Customer View Model





[ENG\\_CVM\\_640259-1\\_E.3d\\_stp.zip](#)

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Customer View Model

[ENG\\_CVM\\_640259-1\\_E.2d\\_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_640259-1\\_L.2d\\_dxf.zip](#)

English

Customer View Model

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English

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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