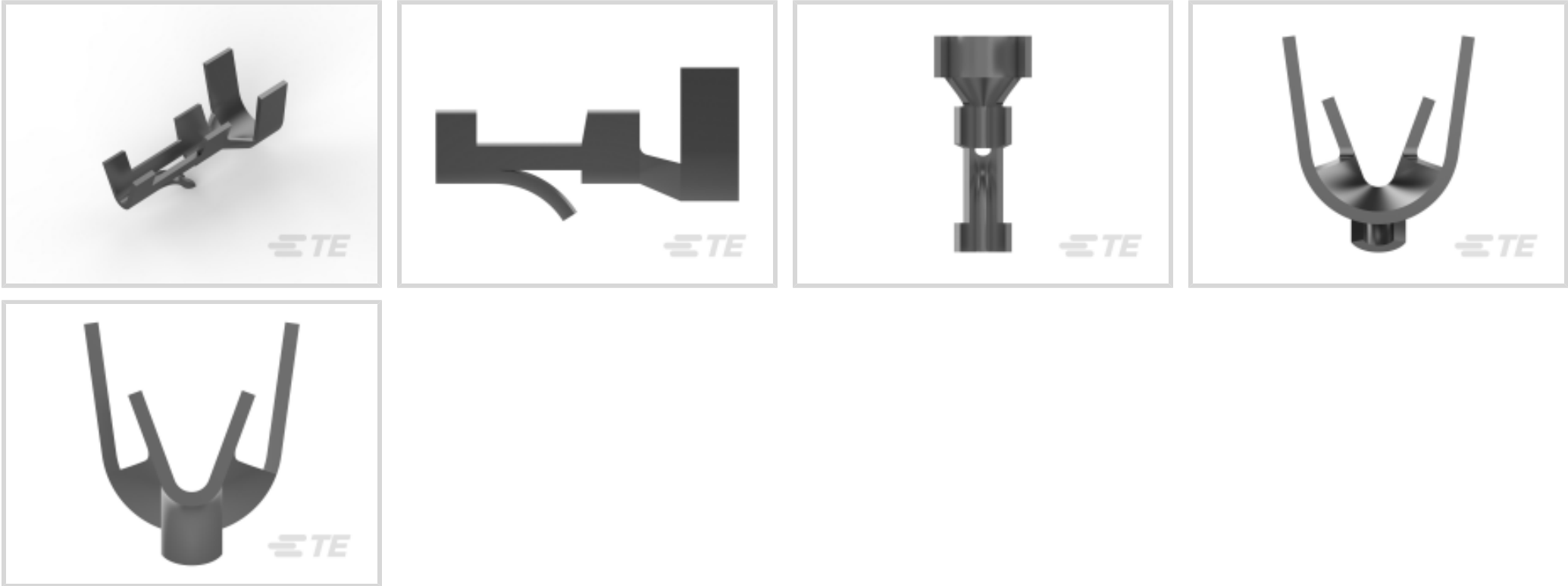




Terminals & Splices > PCB Terminals



PCB Terminal Type: **PCB Pin**

PCB Thickness (Recommended): **1.57 mm [ .062 in ]**

PCB Hole Diameter: **1.4 mm [ .055 in ]**

Profile Height from PCB: **1.35 mm [ .053 in ]**

Compatible Insulation Diameter (Max): **2.54 mm [ .1 in ]**

Features

Product Type Features

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

Contact Features

|                                                |                  |
|------------------------------------------------|------------------|
| Terminal Plating Finish                        | Bright           |
| Contact Mating Area Plating Material Thickness | 5.08 µm[200 µin] |
| PCB Terminal Type                              | PCB Pin          |
| Terminal Plating Material                      | Pre-Tin          |
| Terminal Size                                  | Miniature        |
| Terminal Orientation                           | Straight         |

Termination Features

|                           |                       |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
| Product Terminates To     | Printed Circuit Board |

Mechanical Attachment

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

Dimensions



|                                      |                             |
|--------------------------------------|-----------------------------|
| Extension Below Board                | 3.68 mm[.145 in]            |
| PCB Thickness (Recommended)          | 1.57 mm[.062 in]            |
| PCB Hole Diameter                    | 1.4 mm[.055 in]             |
| Profile Height from PCB              | 1.35 mm[.053 in]            |
| Compatible Insulation Diameter (Max) | 2.54 mm[.1 in]              |
| Compatible Insulation Diameter Range | 1.02 – 2.54 mm[.04 – .1 in] |
| Wire Size                            | .12 – .4 mm²                |

Usage Conditions

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

Packaging Features

|                    |      |
|--------------------|------|
| Packaging Quantity | 9000 |
| 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                     | Wave solder capable to 265°C                                                                                                  |

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>

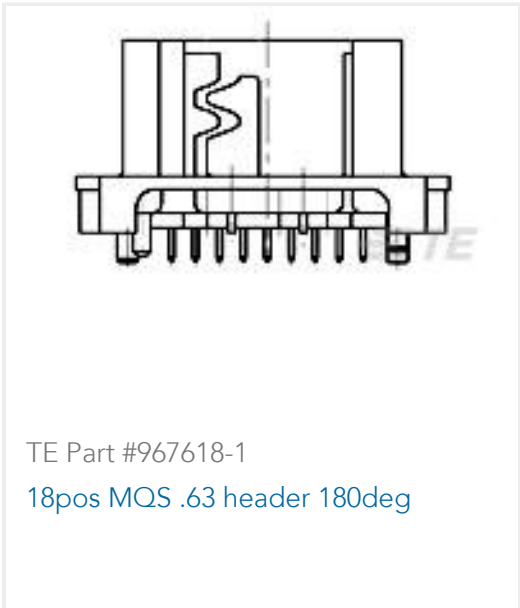
Compatible Parts

|                                                                |                                                               |                                                                |                                                                     |
|----------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------------------------------------|
| <br>TE Part # 2266321-1<br>OCEAN_2.0_Applicator-S-042F110F-RSM | <br>TE Part # 640311-5<br>MINI AMP-IN 22-18 AWG POST TIN PLTD | <br>TE Part # 2266321-2<br>OCEAN_2.0_Applicator-S-042F110F-RSA | <br>TE Part # 7-2266321-8<br>OCEAN_2.0_SPARE_PART_KIT-042F110F      |
| <br>TE Part # 7-2266321-7<br>OCEAN_2.0_SPARE_PART_KIT-042F110F | <br>TE Part # 3-42642-3<br>AMP-IN TERM IS 22-20 010PTBR       | <br>TE Part # 172020-1<br>13P MINI AMPIN HEADER HSG            | <br>TE Part # 2305570-1<br>Strip Terminal Cutter-Side Feed-No Crimp |

Customers Also Bought

|                                                                 |                                                          |                                                        |                                                                |
|-----------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------|
| <br>TE Part #1-172469-1<br>PL 250 HOUSING NATURAL 6/6 NYLON     | <br>TE Part #CAT-T4827-CH8172<br>Timer Connector Housing | <br>TE Part #1-154719-1<br>PL 250 REC HSG 1P NYLON NAT | <br>TE Part #520974-2<br>ULTRA-POD 250 ASSY REC 14-12 AWG TPBR |
| <br>TE Part #172765-1<br>PL 250 FLAG REC 14-12 0.40 X 49.2 PTBR | <br>TE Part #322905<br>TERMINAL,SOLIS R 90DEG 1/0 1/4    | <br>TE Part #63812-1<br>250 PL MKI REC. 18-14AWG TPBR  | <br>TE Part #63820-1<br>312 FASTON REC 14-10 AWG SPBR          |





Documents

Product Drawings

MINI AMP-IN 26-22 SN/PHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_3-640401-1\_Y.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-640401-1\_Y.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_3-640401-1\_Y.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_3-640401-1\_P.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_3-640401-1\_P.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_3-640401-1\_P.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

3-640401-1

PCB Pin, 1.4 mm [.055 in] PCB Hole, 26 – 22 AWG, .12 – .4 mm<sup>2</sup> Wire, Through Hole - Solder, Pre-Tin Plating, Reel, PCB Terminals

