

641944-1 ✓ ACTIVE

AMP-IN

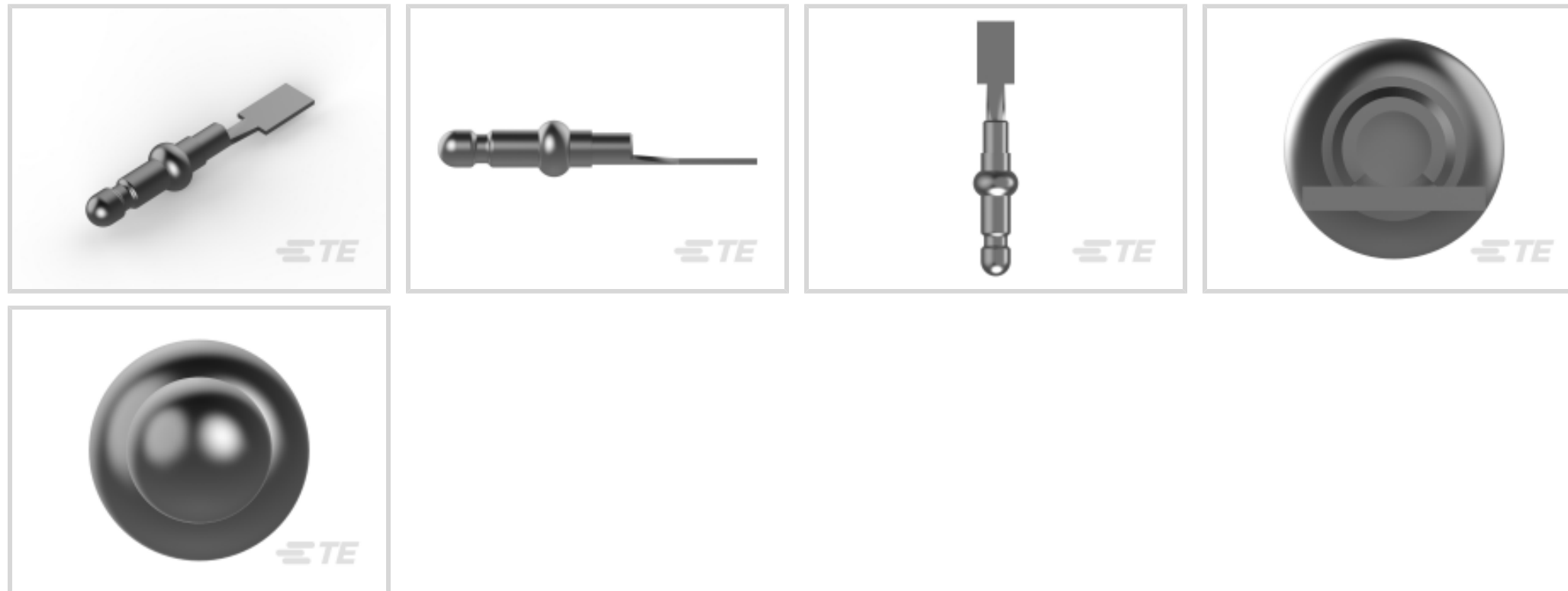
TE Internal #: 641944-1

PCB Terminals, Receptacle, PCB Hole Diameter 1.4 – 1.55 mm [.055 – .061 in], Through Hole - Solder, Pre-Tin Plating, Reel

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): 1.19 mm [.047 in]

PCB Hole Diameter: 1.4 – 1.55 mm [.055 – .061 in]

Mating Pin Diameter: 1.47 mm [.058 in]

Profile Height from PCB: 5.33 mm [.212 in]

Features

Product Type Features

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

Contact Features

| | |
|---------------------------|-------------------|
| PCB Terminal Type | Receptacle |
| Mating Pin Diameter | 1.47 mm [.058 in] |
| Terminal Plating Material | Pre-Tin |
| Terminal Size | Miniature |
| Terminal Orientation | Straight |

Termination Features

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

Mechanical Attachment

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

Dimensions

| | |
|-----------------------|-----------------|
| Extension Below Board | 2.54 mm [.1 in] |
|-----------------------|-----------------|



| | |
|-----------------------------|-------------------------------|
| Terminal Material Thickness | .25 mm[.01 in] |
| PCB Thickness (Recommended) | 1.19 mm[.047 in] |
| PCB Hole Diameter | 1.4 – 1.55 mm[.055 – .061 in] |
| Profile Height from PCB | 5.33 mm[.212 in] |

Usage Conditions

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

Packaging Features

| | |
|--------------------|-------|
| Packaging Quantity | 10000 |
| 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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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



Customers Also Bought



Documents

Product Drawings

[.058 DIA PIN PC PTPPHBZ](#)

English

CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)

[ENG_CVM_CVM_641944-1_G_c-641944-1-g.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_641944-1_G_c-641944-1-g.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_641944-1_G_c-641944-1-g.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