

60599-1 x OBSOLETE

AMP-IN

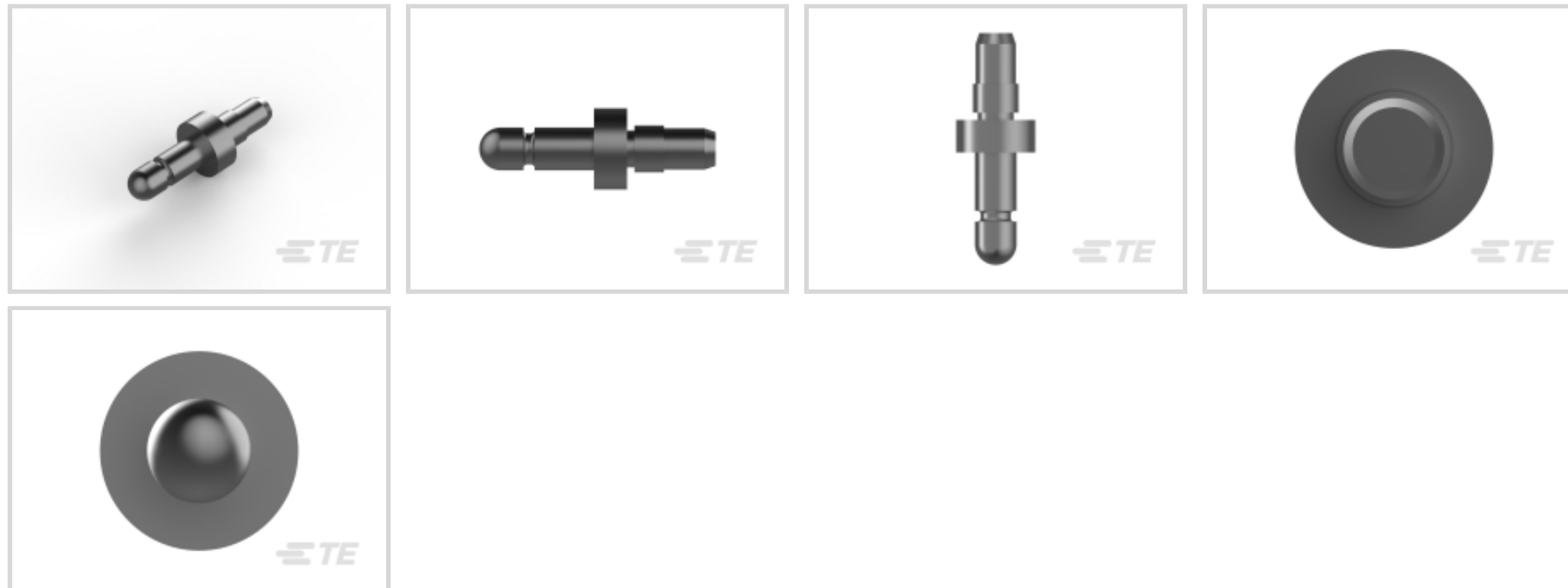
TE Internal #: 60599-1

TE Internal Description: .058 DIA PIN TPBR

[View on TE.com >](#)



Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): **1.6 mm [.063 in]**

PCB Hole Diameter: **3.3 mm [.13 in]**

Mating Pin Diameter: **1.47 mm [.058 in]**

Profile Height from PCB: **4.76 mm [.19 in]**

Features

Product Type Features

| | |
|-----------------------------|------------|
| PCB Terminal Mounting Style | Stud Mount |
|-----------------------------|------------|

Configuration Features

| | |
|----------------|-------|
| Stud Hole | No |
| Terminal Angle | 180 ° |

Body Features

| | |
|--------|---------|
| Finish | Bright |
| | 150 μin |

Contact Features

| | |
|-------------------------------|-------------------|
| Contact Plating Material | Tin |
| PCB Terminal Type | Receptacle |
| Mating Pin Diameter | 1.47 mm [.058 in] |
| Contact Underplating Material | Nickel |
| Terminal Orientation | Straight |

Termination Features

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|---|-----------------------|
| 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 | 4.18 mm[.164 in] |
|-----------------------|------------------|

| | |
|-----------------------------|-----------------|
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
|-----------------------------|-----------------|

| | |
|-------------------|----------------|
| PCB Hole Diameter | 3.3 mm[.13 in] |
|-------------------|----------------|

| | |
|-------------------------|-----------------|
| Profile Height from PCB | 4.76 mm[.19 in] |
|-------------------------|-----------------|

Usage Conditions

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1000 |
|--------------------|------|

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|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|------------------------------|---------------------------|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
|------------------------------|---------------------------|

| | |
|-----------------------------|---------------------------|
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
|-----------------------------|---------------------------|

| | |
|---|--------------------------------------|
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
|---|--------------------------------------|

| | |
|--|---|
| EU REACH Regulation (EC) No. 1907/2006 | <p>Current ECHA Candidate List: JUNE 2022 (224)</p> <p>Candidate List Declared Against: JAN 2022 (223)</p> <p>SVHC > Threshold:</p> <p>Pb (3.7% in Component Part)</p> |
|--|---|

Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

| | |
|-----------------|---|
| 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>

Documents

Product Drawings

[.058 DIA PIN TPBR](#)

English

CAD Files

Customer View Model

[ENG_CVM_60599-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_60599-1_S.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_60599-1_S.2d_dxf.zip](#)

English

3D PDF

English

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

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[TE Material Declaration](#)

English