

3-60599-1 x OBSOLETE

AMP-IN

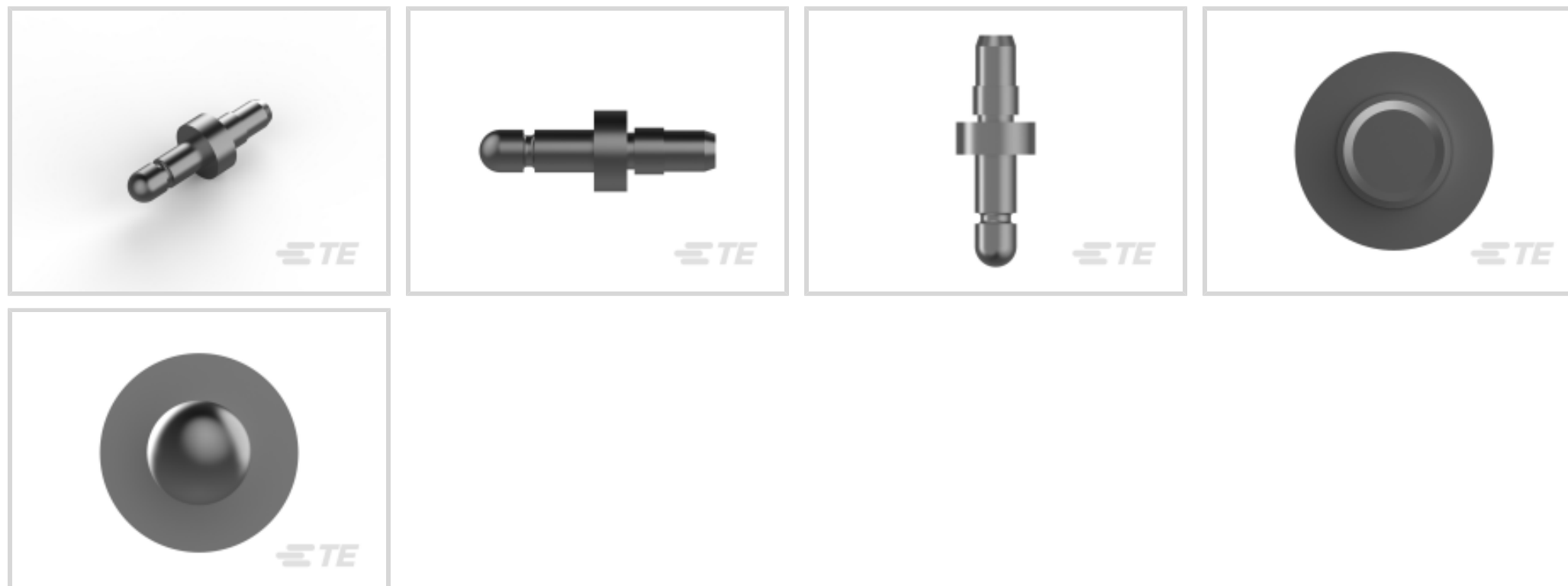
TE Internal #: 3-60599-1

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: 1.5 – 1.57 mm [.059 – .062 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]
Terminal Plating Material	Tin
Contact Underplating Material	Brass
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	2.58 mm[.112 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
PCB Hole Diameter	1.5 – 1.57 mm[.059 – .062 in]
Profile Height from PCB	4.76 mm[.19 in]

Usage Conditions

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

Packaging Features

Packaging Quantity	1000
Packaging Method	Bag

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) 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>

Documents

Product Drawings

[.058 DIA PIN TPBR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_3-60599-1_AE.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-60599-1_AE.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-60599-1_AE.3d_stp.zip](#)

English

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-60599-1_S.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-60599-1_S.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-60599-1_S.2d_dxf.zip](#)

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

