



Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): 1.6 – 2.39 mm [.063 – .094 in]

PCB Hole Diameter: 3.68 mm [.145 in]

Mating Pin Diameter: 1.47 mm [.058 in]

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

Features

Product Type Features

PCB Terminal Mounting Style	Stud Mount
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Configuration Features

Stud Hole	No
Terminal Angle	180 °

Body Features

Plating Thickness	38 µm
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Contact Features

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

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Product Terminates To	Printed Circuit Board
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Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Extension Below Board	3.81 mm[.15 in]
Receptacle Terminal Stock Thickness	.25 mm[.01 in]
PCB Thickness (Recommended)	1.6 – 2.39 mm[.063 – .094 in]
PCB Hole Diameter	3.68 mm[.145 in]
Profile Height from PCB	5.33 mm[.212 in]

Usage Conditions

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

Packaging Quantity	1000
Packaging Method	Loose Piece

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 PC AUSNPB/NI/PHBZ

English

CAD Files

Customer View Model

ENG_CVM_60803-1_AJ1.3d_igs.zip

English

Customer View Model

ENG_CVM_60803-1_AJ1.3d_stp.zip

English

Customer View Model

ENG_CVM_60803-1_AJ1.2d_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