



AMP-IN

TE Internal #: 3-60803-1
PCB Terminals, Receptacle, PCB Hole Diameter 1.17 – 1.27 mm [.046 – .05 in], Through Hole - Press-Fit, Gold Plating, Nickel, Loose Piece

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **Receptacle**
PCB Thickness (Recommended): 1.6 – 2.39 mm [.063 – .094 in]
PCB Hole Diameter: 1.17 – 1.27 mm [.046 – .05 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
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Contact Features

PCB Contact Termination Area Plating Material Thickness	3.81 µm[150 µin]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
PCB Terminal Type	Receptacle
Mating Pin Diameter	1.47 mm[.058 in]
Terminal Plating Material	Gold
Contact Underplating Material	Nickel
Terminal Size	Miniature
Terminal Orientation	Straight

Termination Features

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



Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Extension Below Board	1.42 mm[.055 in]
Terminal Material Thickness	.25 mm[.01 in]
PCB Thickness (Recommended)	1.6 – 2.39 mm[.063 – .094 in]
PCB Hole Diameter	1.17 – 1.27 mm[.046 – .05 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	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 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

TE Part # 60599-3
.058 DIA PCB PIN GPBR

TE Part # 689141-1
INSERTION TOOL

TE Part # 3-60753-2
.058 DIA PIN TPBR

Customers Also Bought

TE Part #2199119-4
M.2 0.5PITCH 3.2H KEY E 15U" AU

TE Part #440054-6
2.0MM,HDR,6POS,VERTICAL

TE Part #102618-6
16 MODII HDR DRST SHRD .100CL

TE Part #280374-2
10P AMPMODU II SHRD HDR, ST, 0.38 AU

TE Part #1571563-9
FSM8JSMATR=TACT,SMT,T&R

TE Part #5-104362-7
08 MTE HDR SRST LATCH W/HLDWN

TE Part #1759547-1
mSATA/mini PCI-E 7H G/F

TE Part #1676342-2
RN 0805 442R 0.1% 10PPM 1KRL

TE Part #4-1625890-1
2W SM M/OX 5% 330R

Documents

Product Drawings
.058 DIA PIN PC AUSN/NI/PHBZ LF

English



CAD Files

Customer View Model

[ENG_CVM_3-60803-1_AJ1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-60803-1_AJ1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_3-60803-1_AJ1.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-60803-1_N.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-60803-1_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-60803-1_N.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

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