

AMP-IN

TE Internal #: 61097-1

PCB Terminals, Receptacle, PCB Hole Diameter 5.21 mm [.263 in],

Through Hole - Press-Fit, Pre-Tin Plating, Bag, Terminates To

Printed Circuit Board

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Terminals & Splices > PCB Terminals











PCB Terminal Type: Receptacle

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

PCB Hole Diameter: 5.21 mm [.263 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 |
|---|--------------------------|
| Configuration Features | |
| Stud Hole | No |
| Terminal Angle | 180° |
| Contact Features | |
| Contact Plating Material | Tin |
| 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 - Press-Fit |
| Product Terminates To | Printed Circuit Board |



Mechanical Attachment

| Wire Insulation Support | Without |
|-------------------------------------|----------------------------|
| Dimensions | |
| Extension Below Board | 2.54 mm[.1 in] |
| Receptacle Terminal Stock Thickness | .25 mm[.01 in] |
| PCB Thickness (Recommended) | 1.6 mm[.063 in] |
| PCB Hole Diameter | 5.21 mm[.263 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 |

Bag

Product Compliance

Packaging Method

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: JUL 2021 (219) 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

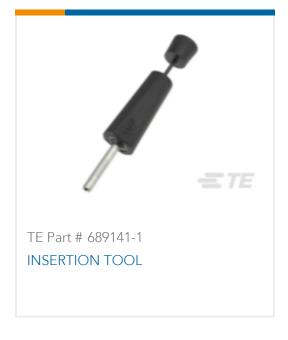


materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest 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









Documents

Product Drawings

.058 DIA PIN L/P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_61097-1_F_c-61097-1-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_61097-1_F_c-61097-1-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_61097-1_F_c-61097-1-f.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

Product Environmental Compliance

Product Compliance

English

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Product Compliance

English