641944-1 ✔ ACTIVE

AMP-IN

TE Internal #: 641944-1

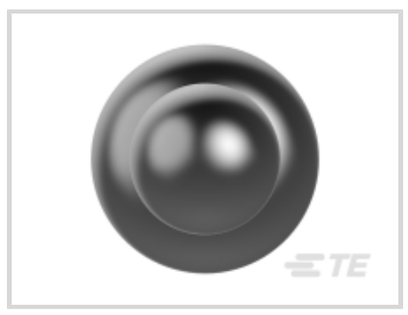
PCB Terminals, Receptacle, PCB Hole Diameter 1.4 – 1.55 mm [.055 – .061 in], Through Hole - Solder, Pre-Tin Plating, Reel

View on TE.com >

Terminals & Splices > PCB Terminals







PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): **1.19 mm [.047 in]**

PCB Hole Diameter: **1.4 – 1.55 mm [.055 – .061 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

Contact Features

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 - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without

Dimensions

Extension Below Board	2.54 mm[.1 in]

Terminal Material Thickness	.25 mm[.01 in]
PCB Thickness (Recommended)	1.19 mm[.047 in]
PCB Hole Diameter	1.4 – 1.55 mm[.055 – .061 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	10000
Packaging Method	Reel

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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 # 61097-1
.058 DIA PIN L/P



TE Part # 60874-1
.058 PCB PIN PTPPHBZ



TE Part # 60824-1
.058 DIA PIN PC PTPPHBZ



TE Part # 60809-1
.058 DIA PIN PC PTPPHBZ



TE Part # 3-61038-1
.058 DIA PIN PC AUSN/NI/PHBZ

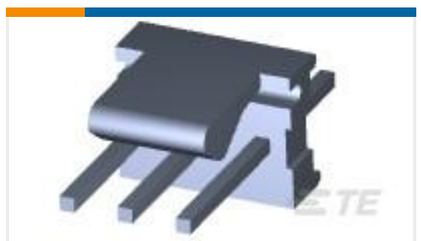


TE Part # 60973-1
.058 DIA PIN PC PTPPHBZ

Customers Also Bought



TE Part #5745959-1
25 PLUG SP/MS CNUT



TE Part #641215-3
03P MTA100 HDR ASSY FL/ST 30AU



TE Part #5-87124-2
LOCKING CLIP CONT ASY .025 SQ



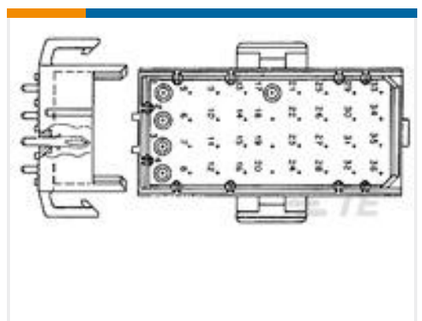
TE Part #3-928776-2
MOD2 STIFT M A-PIN



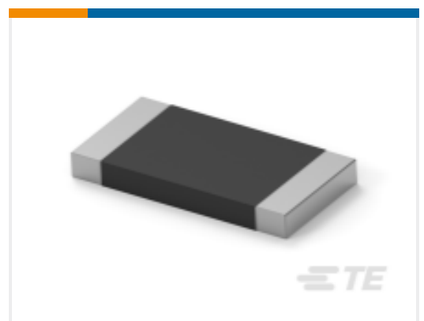
TE Part #2-2176326-6
CRGP 0603 1K2 1%



TE Part #1-2319847-4
END STACK DIP 4P J RAISED TUBE



TE Part #640498-1
03P MR HDR ASSY V0



TE Part #6-2176421-0
TLRP 2512 2.0W R040 1% 50PPM 4K RL

Documents

Product Drawings

.058 DIA PIN PC PTPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_641944-1_G_c-641944-1-g.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_641944-1_G_c-641944-1-g.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_641944-1_G_c-641944-1-g.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