60824-1 ✔ ACTIVE

AMP-IN

TE Internal #: 60824-1

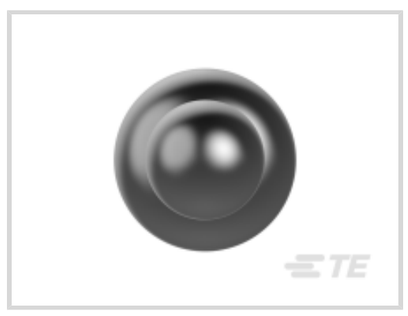
PCB Terminals, Receptacle, PCB Hole Diameter 3.68 mm [.145 in], Through Hole - Solder, Pre-Tin Plating, Reel, Terminates To Printed Circuit Board

View on TE.com >

Terminals & Splices > PCB Terminals







PCB Terminal Type: **Receptacle**

PCB Thickness (Recommended): **1.6 mm [.063 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

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 - Solder
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	3.68 mm[.145 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

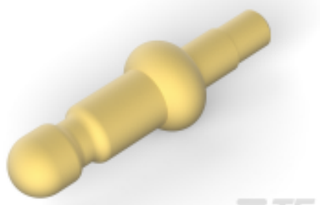
Product Compliance

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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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

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 # 640967-2
.058 DIA PIN PC AUNI/PHBZ

TE Part # 641944-1
.058 DIA PIN PC PTPHBZ

TE Part # 689141-1
INSERTION TOOL

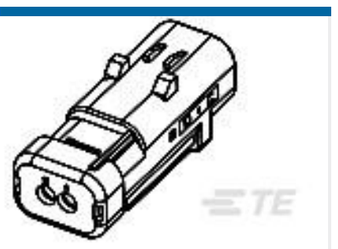
TE Part # 3-60599-1
.058 DIA PIN TPBR

Customers Also Bought

TE Part #5745886-2
25 RCPT SP/MS CNUT

TE Part #640583-3
06P UMNL HDR ASSY R/A 94VO LF

TE Part #1571113-4
PRDDD3-16F-BB000=POWER ROCKER



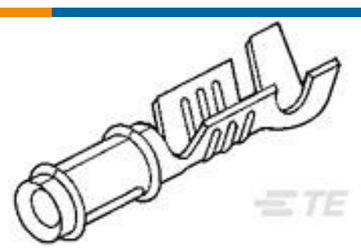
TE Part #1717673-1
CAP ASSY,3P,BRACKET REVERSE TYPE,ATAC CO

TE Part #7-188275-4
MICRO-MATCH SMD FTE

TE Part #35115
SPLICE,N CE 22-14

TE Part #160923-2
FF 110 TAB 24-20 AWG .016 PTPB

TE Part #5148003-5
ASSY,PIN,EUROCARD,TYPE C,LEAD-FREE,96 PO



TE Part #61260-1
.093 DIA RECPT LP 22-18

TE Part #60983-4
.058 DIA PIN REC .010TPBECU

Documents

Product Drawings

.058 DIA PIN PC PTPPHBZ

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_60824-1_BC_c-60824-1-bc.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_60824-1_BC_c-60824-1-bc.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_60824-1_BC_c-60824-1-bc.3d_stp.zip

English

Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English