3-60803-1 ✔ ACTIVE

AMP-IN

TE Internal #: 3-60803-1

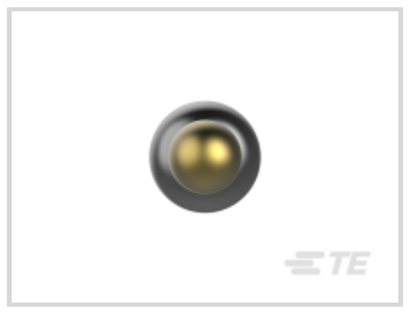
Receptacle, PCB Hole Diameter 1.17 – 1.27 mm [.046 – .05 in], Through Hole - Press-Fit, Gold Plating, Nickel, Loose Piece, PCB Terminals

View on TE.com >

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

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 PCB	Through Hole - Press-Fit
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	Without

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

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 # 689141-1
INSERTION TOOL

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

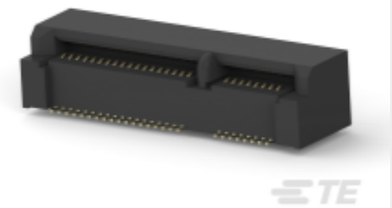
Customers Also Bought

TE Part #6609116-1
1EHG1-2=F7702 S0

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

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

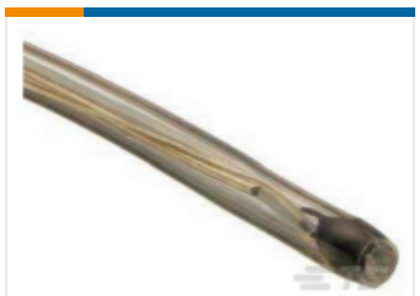
TE Part #1-928776-5
MOD2 STIFT M A-PIN



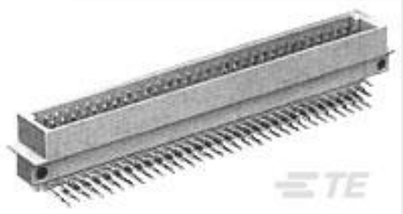
TE Part #1759547-1
mSATA/mini PCI-E 7H G/F

TE Part #5227169-4
BNC - SOLDER RECEPT

TE Part #9-2176093-3
RP 2A 0.25W 95K3 0.1% 25PPM 1K RL



TE Part #11031964-00
THERMISTOR WITH PTFE SHEATH



TE Part #215605-1
96P.IEC-C MALE CONN

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

Datasheets & Catalog Pages

PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS

English

Product Specifications

Application Specification

English