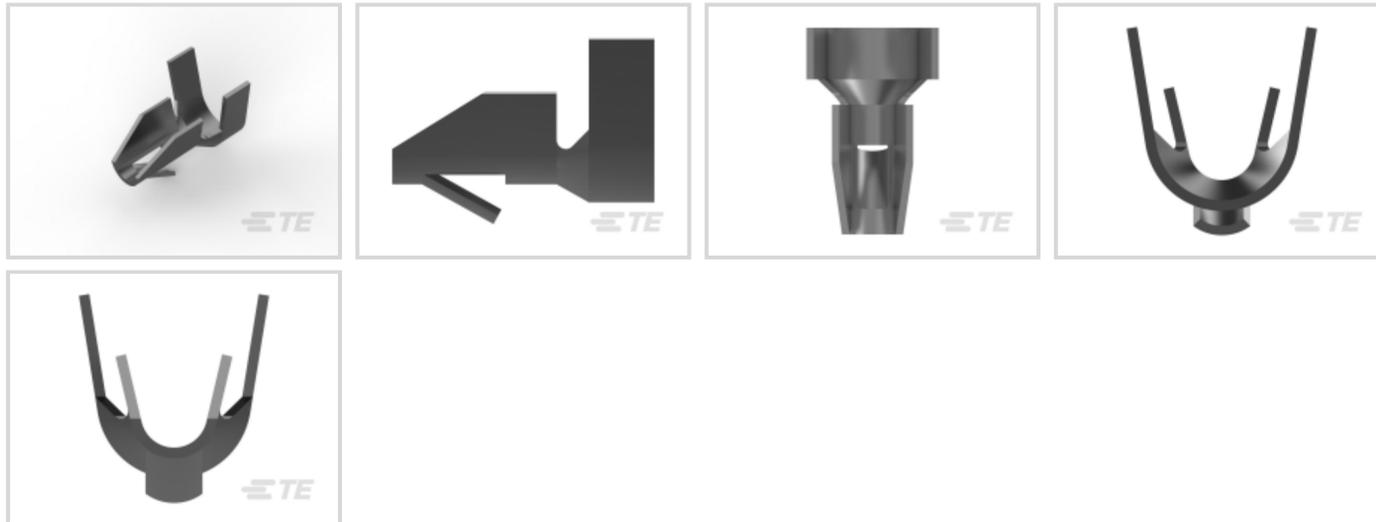# 3-770565-1 ✔ ACTIVE

AMP-IN
TE Internal #: 3-770565-1

PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Crimp, Tin Plating, Brass, Reel

View on TE.com >

Terminals & Splices > PCB Terminals

PCB Terminal Type: **PCB Pin**

PCB Thickness (Recommended): **1.57 mm [.062 in]**

PCB Hole Diameter: **1.83 mm [.072 in]**

Profile Height from PCB: **1.73 mm [.068 in]**

Accepts Wire Insulation Diameter (Max): **2.79 mm [.11 in]**

Features

Product Type Features

PCB Terminal Mounting Style	Stud Mount

Configuration Features

Stud Hole	No
Terminal Angle	180 °

Body Features

Finish	Bright

Contact Features

Contact Plating Material	Tin
PCB Terminal Type	PCB Pin
Terminal Plating Material	Tin
Contact Underplating Material	Brass
Terminal Size	Miniature
Terminal Orientation	Straight

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Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Extension Below Board	2.29 mm[.09 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
PCB Hole Diameter	1.83 mm[.072 in]
Profile Height from PCB	1.73 mm[.068 in]
Accepts Wire Insulation Diameter (Max)	2.79 mm[.11 in]
Accepts Wire Insulation Diameter Range	1.52 – 2.79 mm[.06 – .11 in]
Wire Size	.3 – .9 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

Other

Comment	Machine applied applicator required., No hand tools available., Not available in 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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC

3-770565-1

PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Crimp, Tin Plating, Brass, Reel

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
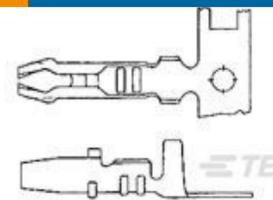
Compatible Parts

TE Part # 2305570-1

Strip Terminal Cutter-Side Feed-No Crimp

TE Part # 3-42642-3

AMP-IN TERM IS 22-20 010PTBR

TE Part # 640311-5

MINI AMP-IN 22-18 AWG POST TIN PLTD

TE Part # 170072-6

AMP-IN KONTAKT

TE Part # 2-2151224-1

OCEAN_2.0_Applicator-S-062F110F

TE Part # 2-2151224-2

OCEAN_2.0_Applicator-S-062F110F

TE Part # 2151224-1

OCEAN_2.0_Applicator-S-062F110F

TE Part # 2151224-2

OCEAN_2.0_Applicator-S-062F110F

TE Part # 7-2151224-1

OCEAN_2.0_Applicator-S-062F110F

TE Part # 7-2151224-2

OCEAN_2.0_Applicator-S-062F110F

TE Part # 7-2151224-7

OCEAN_2.0_SPARE_PART_KIT-062F110F

Documents

3-770565-1

PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Crimp, Tin Plating, Brass, Reel

Product Drawings

MINI AMP-IN 22-18 AWG SN/BRASS LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-770565-1_G.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-770565-1_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-770565-1_G.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_3-770565-1_040120152311_dmtec

English

MD_3-770565-1_040120152311_dmtec

English