

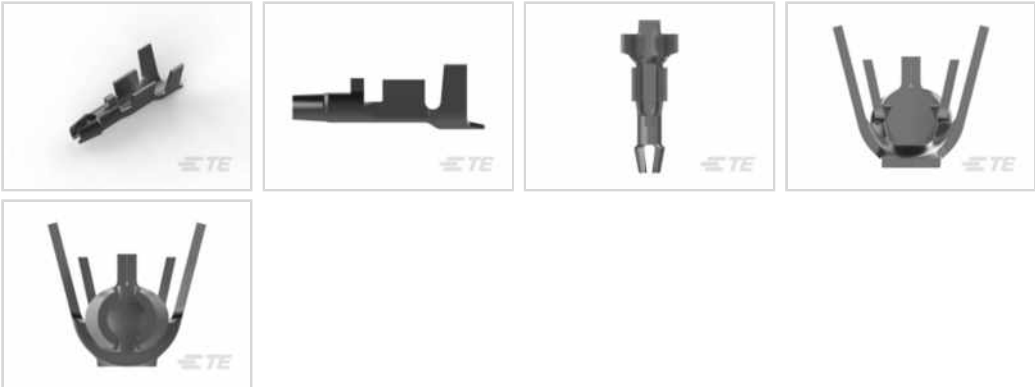


AMP-IN

TE Internal #: 170338-1
PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Through Hole - Solder, Crimp

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Terminals & Splices > PCB Terminals



PCB Terminal Type: **PCB Pin**
PCB Thickness (Recommended): **1.6 mm [.063 in]**
PCB Hole Diameter: **1.83 mm [.072 in]**
Profile Height from PCB: **6.62 mm [.264 in]**
Accepts Wire Insulation Diameter (Max): **2.79 mm [.11 in]**

Features

Product Type Features

PCB Terminal Mounting Style	Stud Mount
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Configuration Features

Stud Hole	No
Compatible With Wire & Cable Type	Round Jacketed Cable
Terminal Angle	180 °

Contact Features

Contact Plating Material	Tin
PCB Terminal Type	PCB Pin
Terminal Plating Material	Pre-Tin
Contact Underplating Material	Copper
Terminal Size	Standard
Terminal Orientation	Straight

Termination Features

Termination Method to Wire & Cable	Crimp
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Termination Method to Printed Circuit Board	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Extension Below Board	3.48 mm [.137 in]
Receptacle Terminal Stock Thickness	.25 mm [.01 in]
PCB Thickness (Recommended)	1.6 mm [.063 in]
PCB Hole Diameter	1.83 mm [.072 in]
Profile Height from PCB	6.62 mm [.264 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 mm ²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-30 – 105 °C [-22 – 221 °F]

Packaging Features

Packaging Quantity	7000
Packaging Method	Reel

Product Compliance

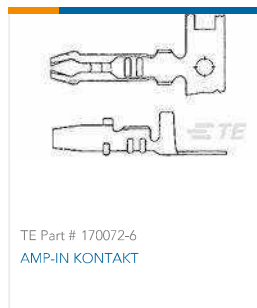
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2022 (224) 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 240°C

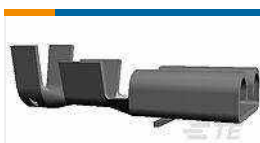
Product Compliance Disclaimer

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



Customers Also Bought



TE Part #1217281-3
FF 110 REC 24-20AWG BR



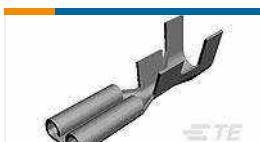
TE Part #316390-7
CAVITY PLUG FOR MINI M/LOCK



TE Part #179975-1
250 PL EX REC. 15-10AWG PTBR



TE Part #175178-1
PL EX 250 REC TERMINAL-FLAG 12-10
PTPB



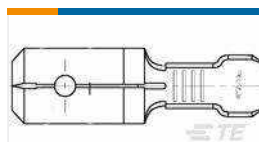
TE Part #170213-1
250 FASTON, REC., 18-14 AWG, BR



TE Part #175024-1
250 PL EX REC. 15-10AWG PTBR



TE Part #1827386-1
GIC 3.3 PLUG HOUSING 6P



TE Part #42474-4
250 FASTON TAB 18-14 AWG TPBR



TE Part #925015-4
FF 110 REC HSG 3P NYLON NAT

Documents

Product Drawings

AMP-IN 22-18 AWG

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_170338-1_D_c-170338-1-d.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170338-1_D_c-170338-1-d.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_170338-1_D_c-170338-1-d.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

170338-1

PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm² Wire Size, Through Hole - Solder, Crimp



Application Specification

English

Crimping AMP-IN Terminals

English

Product Environmental Compliance

[MD_170338-1_053120181024_dmtec](#)

English

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English