



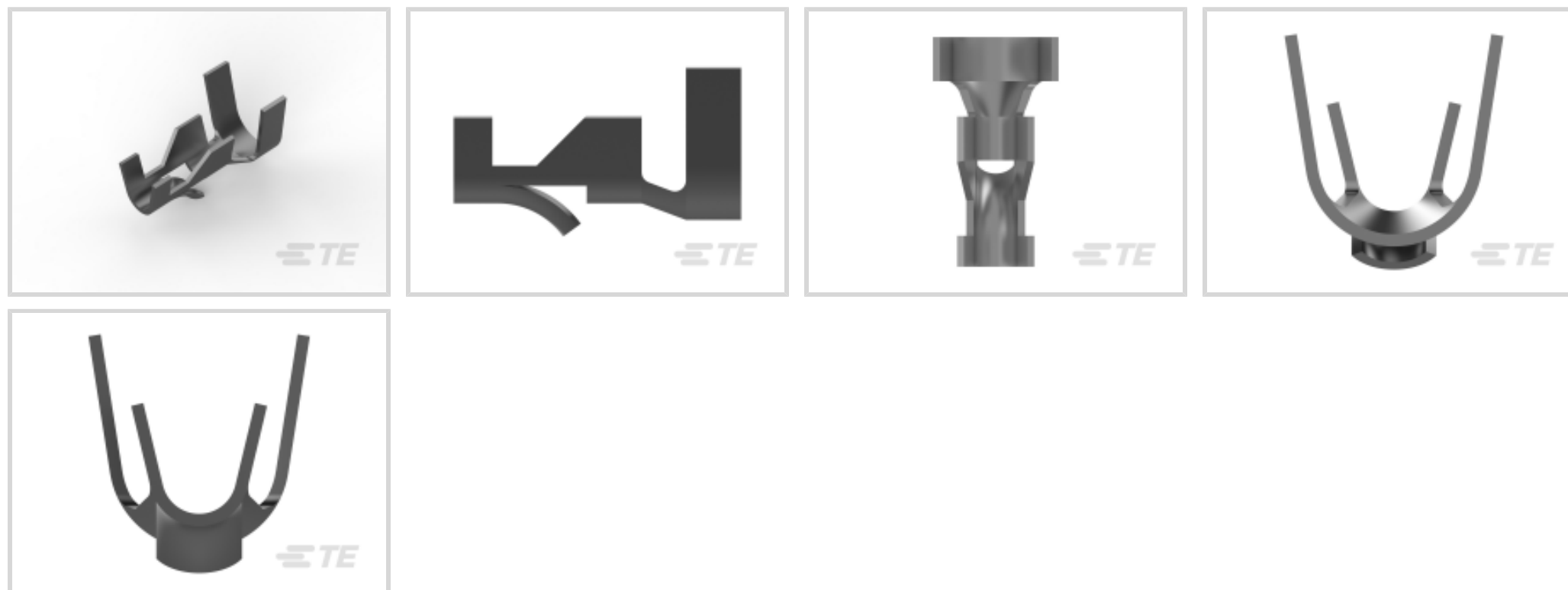
AMP-IN

TE Internal #: 640311-5

PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 – 18 AWG Wire Size, .3 – .9 mm<sup>2</sup> Wire Size, Through Hole - Solder, Tin Plating, Nickel

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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: **1.35 mm [.053 in]**

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

**Features**

**Product Type Features**

Terminal Features	Stud Hole
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**Contact Features**

Contact Underplating Material Thickness	1.01 – 1.52 μm[40 – 60 μin]
Contact Mating Area Plating Material Thickness	3.04 – 6.09 μm[120 – 240 μin]
PCB Terminal Type	PCB Pin
Terminal Plating Material	Tin
Contact Underplating Material	Nickel
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	With
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### Dimensions

Extension Below Board	3.68 mm[.145 in]
PCB Thickness (Recommended)	1.57 mm[.062 in]
PCB Hole Diameter	1.83 mm[.072 in]
Profile Height from PCB	1.35 mm[.053 in]
Compatible Insulation Diameter (Max)	2.79 mm[.11 in]
Compatible Insulation Diameter Range	1.52 – 2.79 mm[.06 – .11 in]
Wire Size	.3 – .9 mm <sup>2</sup>

### Usage Conditions

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

### Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

### Other

Terminals & Splices Comment	.2 brass material.
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## Product Compliance

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



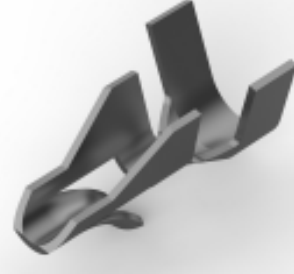
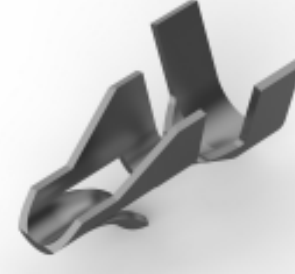


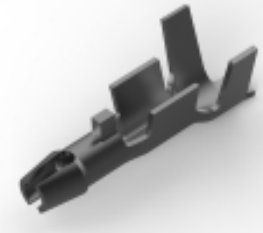
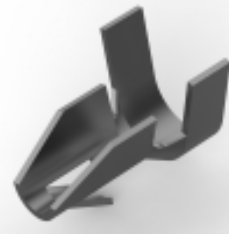



EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does 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

 <p>TE Part # 3-640401-1 MINI AMP-IN 26-22 SN/PHBZ</p>	 <p>TE Part # 3-640311-1 MINI AMP-IN 22-18 AWG .008PTPPHBZ</p>	 <p>TE Part # 350566-7 MINI AMP-IN 22-18 AWG POST TIN PLTD</p>	 <p>TE Part # 3-350566-1 MINI AMP-IN 22-18 PTLP/PHBZ</p>
 <p>TE Part # 3-770565-2 MINI AMP-IN 22-18 AWG LF</p>	 <p>TE Part # 3-794121-1 TERMINAL, MINI AMP-IN 2000 22-18 AWG</p>	 <p>TE Part # 170338-1 AMP-IN 22-18 AWG</p>	 <p>TE Part # 3-770565-1 MINI AMP-IN 22-18 AWG SN/BRASS LF</p>
 <p>TE Part # 350566-3 MINI AMP-IN 22-18 PTPBR</p>	 <p>TE Part # 170197-2 MINI AMP-IN 24-20 AWG</p>	 <p>TE Part # 170197-1 MINI AMP-IN 24-20 AWG</p>	

## Customers Also Bought

 <p>TE Part #0462-201-2031 SOC, SOLID, SIZE 20, 20AWG, AU</p>	 <p>TE Part #1-770849-0 10P SL156 HSG W/LCK RMP &amp; TABS</p>	 <p>TE Part #2-520932-2 ULTRA-FAST .110/.125 ASY REC 22-18 TPBR</p>	 <p>TE Part #794184-1 02P MINI UMNL2 PLUG HSG UL94V0</p>
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## Documents

### Product Drawings

#### MINI AMP-IN 22-18 AWG POST TIN PLTD

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640311-5\\_Y.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640311-5\\_Y.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_640311-5\\_Y.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

#### Product Compliance Document

English

#### Product Compliance Document

English