

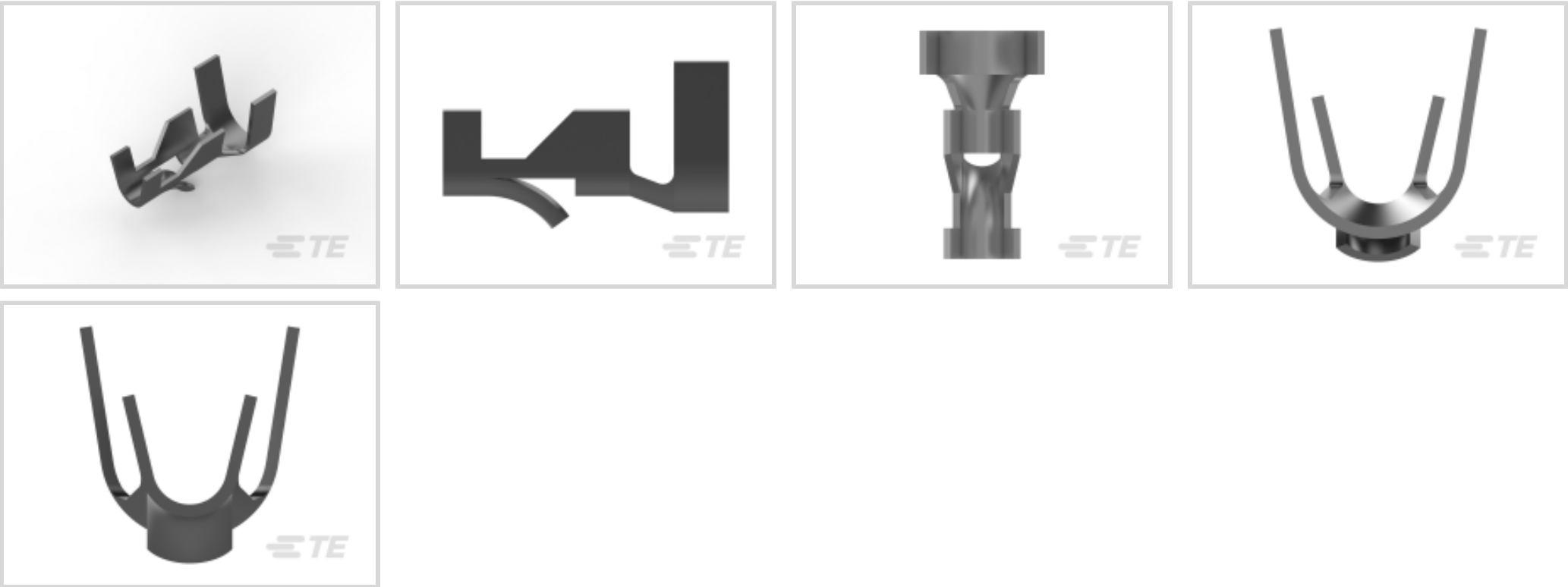


AMP-IN

TE Internal #: 640311-5
PCB Terminals, PCB Pin, PCB Hole Diameter 1.83 mm [.072 in], 22 - 18 AWG Wire Size, .3 - .9 mm² 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 ²

Usage Conditions

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

Packaging Features

Packaging Quantity	6000
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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

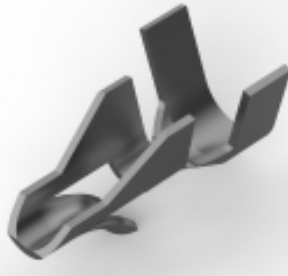
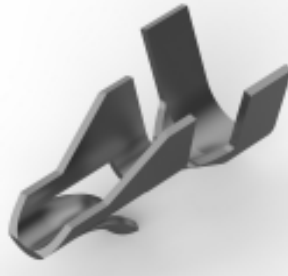
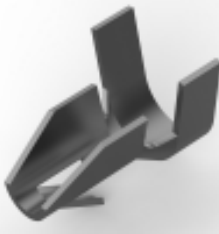
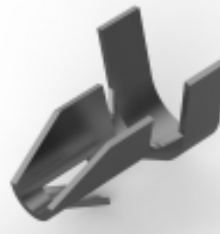
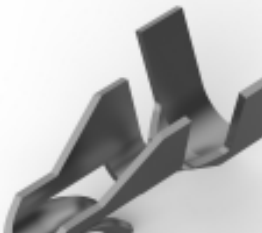
Product Compliance Disclaimer

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

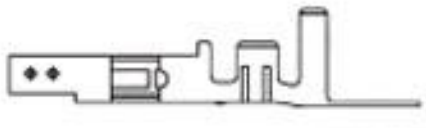


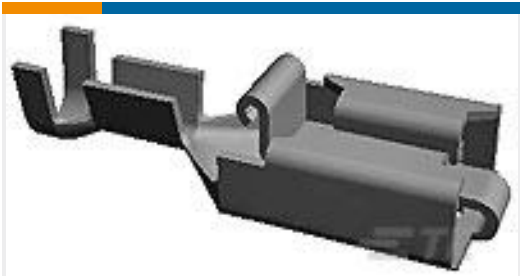
as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

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

Customers Also Bought

 TE Part # 3-640441-3 03P MTA100 CONN ASSY WHT	 TE Part # 350777-4 02P UMNL PLUG HSG UL94V0	 TE Part # 1-160301-6 250 FASTON,REC.,10-12 AWG,TPBR	 TE Part # 794958-1 VAL-U-LOK SKT BR SN 22-26AWG
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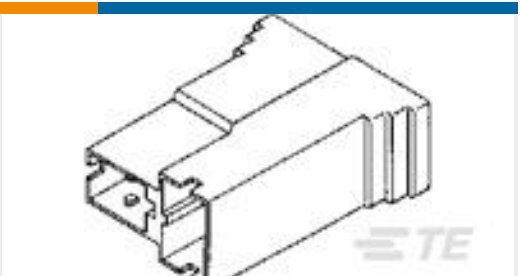
TE Part # 160831-3
250 PL MKI REC. 17-13AWG TPBR



TE Part # 154719-1
250 HSG. PL MKI REC. NAT



TE Part # DT06-12SA-C017
PLG, 12P, GRY, BLOCKED, A



TE Part # 926522-1
PL 250 REC HSG 2P NYLON BLACK



TE Part # 514956-1
HOT STAMPING FOIL WHITE
122X28MM

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