

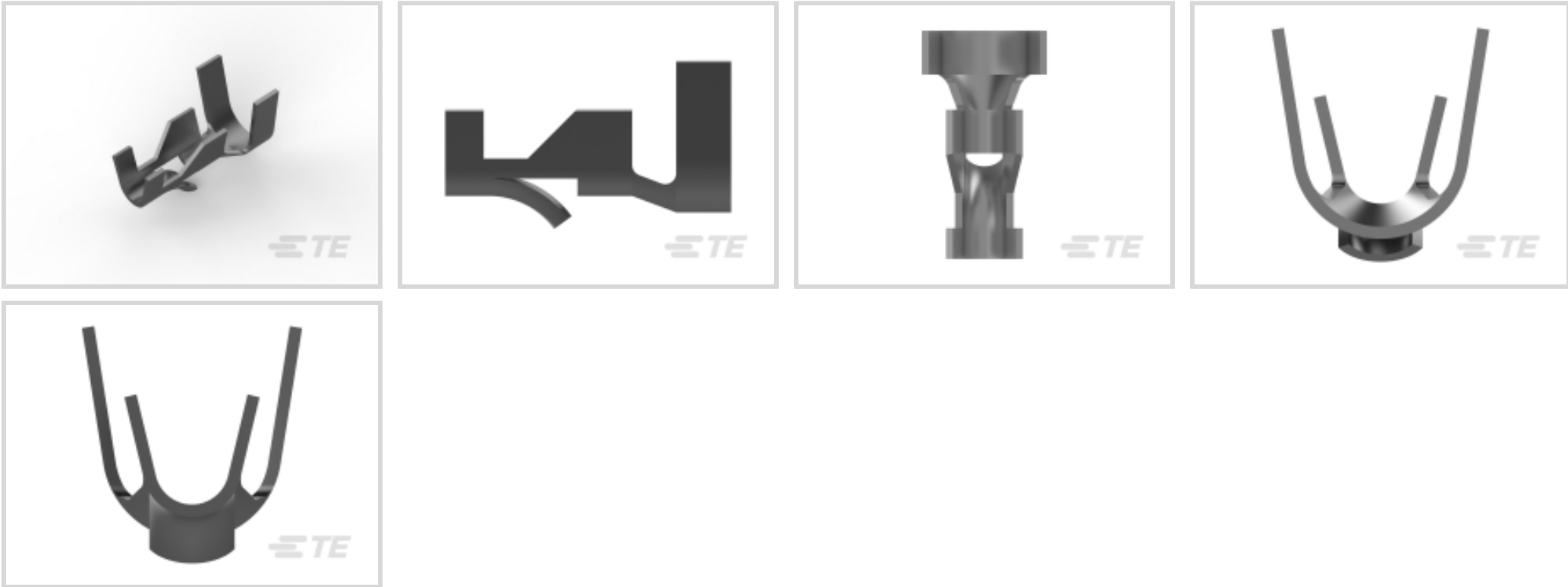


AMP-IN

TE Internal #: 640311-5
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, PCB Terminals

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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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Usage Conditions

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

Packaging Features

Packaging Quantity	6000
Packaging Method	Reel

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
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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 PCB	Through Hole - Solder
Product Terminates To	Printed Circuit Board

Mechanical Attachment

Wire Insulation Support	With
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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

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	

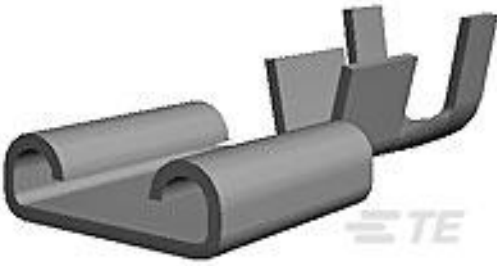
Customers Also Bought



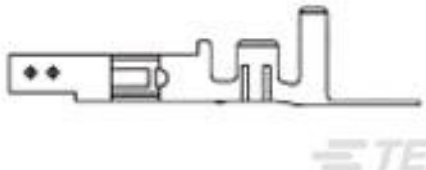
TE Part #8-215570-0
MICRO-MATCH PBC.10P



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



TE Part #1-160301-6
250 FASTON,REC.,10-12 AWG,TPBR



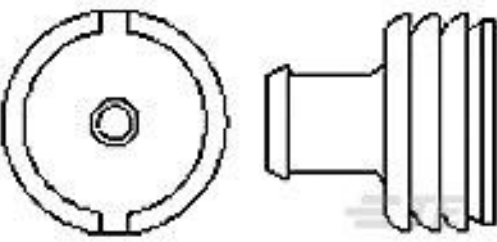
TE Part #794958-1
VAL-U-LOK SKT BR SN 22-26AWG



TE Part #D369-R33-NP0
369 3 WAY REC, NO CONTACTS, PIN



TE Part #2180013004
55A0811-22-9



TE Part #967609-1
MPQ EINZELLEITDICHT



TE Part #2141114-1
MCON 1.2 CB TAB SWS SN



TE Part #2327042-1
2POS,MCON 1.2,TAB HSG ASSY,SLD, COD A



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