3-770565-1 ✔ ACTIVE

AMP-IN

TE Internal #: 3-770565-1

PCB Pin PCB Terminal, 1.83 mm [.072 in] PCB Hole, 22 – 18 AWG, .3 – .9 mm² Wire, Through Hole - Solder, Tin Plating, Reel

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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: **1.73 mm [.068 in]**

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

Features

Product Type Features

Terminal Features	Stud Hole

Contact Features

Terminal Plating Finish	Bright
Contact Mating Area Plating Material Thickness	4 µm[157.48 µin]
PCB Terminal Type	PCB Pin
Terminal Plating Material	Tin
Contact Underplating Material	Brass
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

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]
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 mm²

Usage Conditions

Insulation Option	Uninsulated
Operating Temperature Range	-55 – 105 °C[-67 – 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 3-42642-3
AMP-IN TERM IS 22-20 010PTBR



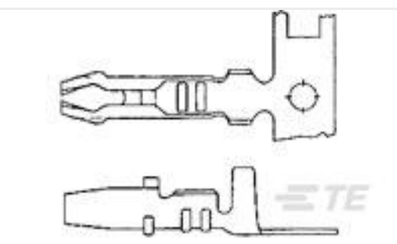
TE Part # 2151224-2
OCEAN_2.0_Applicator-S-062F110F-RSA



TE Part # 2151224-1
OCEAN_2.0_Applicator-S-062F110F-RSM



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 170072-6
AMP-IN KONTAKT



TE Part # 640311-5
MINI AMP-IN 22-18 AWG POST TIN PLTD

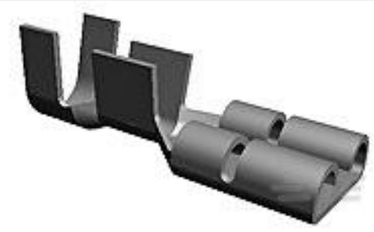


TE Part # 7-2151224-7
OCEAN_2.0_SPARE_PART_KIT-062F110F

Customers Also Bought



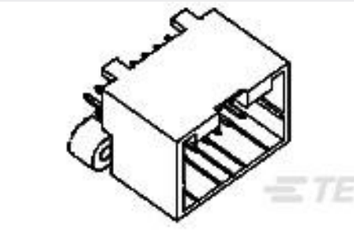
TE Part #CAT-HST-FL2500
FL2500 Heat Shrink Tubing



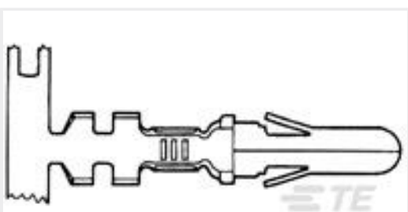
TE Part #63609-1
250 FASTON REC 22-18 AWG BR



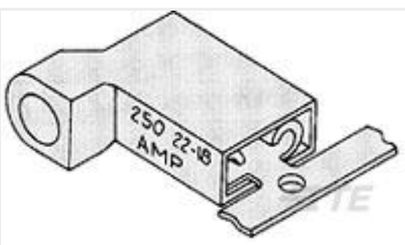
TE Part #5-104809-1
02 MTE HDR SRST LATCH W/HLDWN



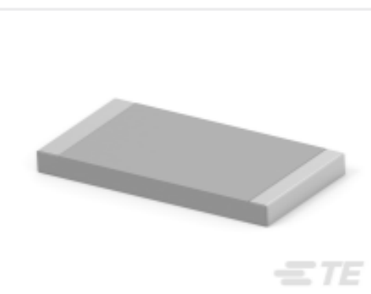
TE Part #174975-2
040 MLC CAP ASSY V 16P



TE Part #350201-1
.140 DIA PIN 14-10 PTPBR



TE Part #2-520856-2
ULTRA-FAST 250 ASY REC 22-18 TPBR



TE Part #1-2176331-3
CRGP 2512 100R 1%



TE Part #3-2176458-9
CPF 1206 2R49 0.1% 25ppm 1K RL



TE Part #2217206-4
Blade, Slug

Documents

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

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Product Specifications

Application Specification

English