163766-1 ✔ ACTIVE

AMP | AMP Type III+

TE Internal #: 163766-1

Tin (Sn), Pin Contact, 18 – 15 AWG, .75 – 1.5 mm² Wire, Size 16, Crimp, Phosphor Bronze, Power & Signal, -55 – 90 °C [-67 – 194 °F], AMP Type III+

View on TE.com >

Connectors > Contacts > Connector Contacts







Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin (Sn)**

Wire Contact Termination Area Plating Material: **Tin**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Product Type Features

Discrete Wire Type	Stranded

Contact Features

Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	13 A
Mating Pin Diameter	1.57 mm[.062 in]
Contact Mating Area Plating Material Thickness	1.02 µm[40 µin]
Contact Mating Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Material Thickness	1.02 µm[40 µin]
Wire Contact Termination Area Plating Material Finish	Bright

Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 µm[50 µin]

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	With

Dimensions

Wire Size	.75 – 1.5 mm²
Compatible Insulation Diameter Range	2.01 – 2.49 mm[.078 – .098 in]

Usage Conditions

Operating Temperature Range	-55 – 90 °C[-67 – 194 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	5000
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	Not applicable for solder process capability

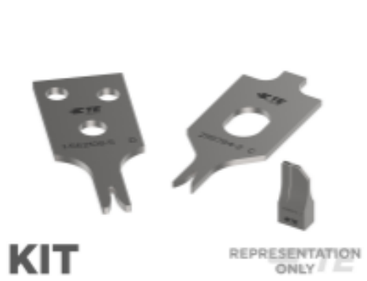
Product Compliance Disclaimer

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

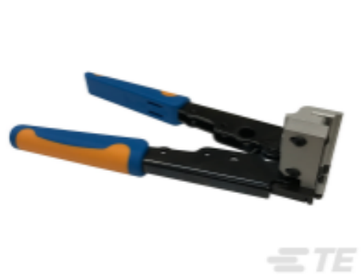
Compatible Parts



TE Part # 2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM



TE Part # 7-2151023-7
OCEAN_2.0_SPARE_PART_KIT-080F120O



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



TE Part # 5-2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA



TE Part # 2151023-2
OCEAN_2.0_Applicator-S-080F120O-RSA



TE Part # 5-2151023-1
OCEAN_2.0_Applicator-S-080F120O-RSM

Also in the Series | AMP Type III+



Connector Contacts(365)

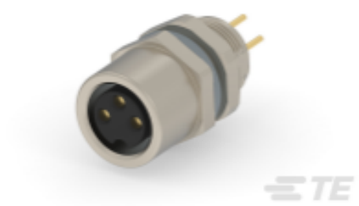


Insertion & Extraction Tools(4)



Power Contacts(365)

Customers Also Bought



TE Part #T4043014031-000
M8.FMLE.PNLFRONT.3POS.STRPCB



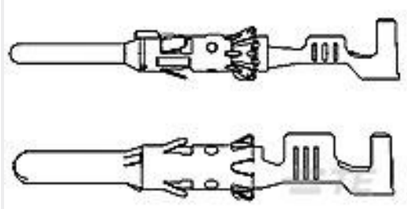
TE Part #150530-1
FASTON 375 AM REC 2-6MM2 0.2X1.062 BR



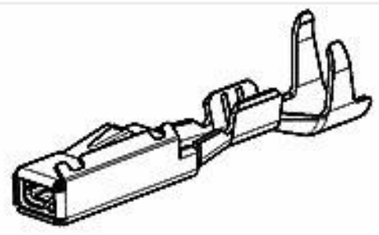
TE Part #CAT-AM71-T273
AMP SUPERSEAL 1.5MM, RECEPTACLE AND TAB



TE Part #CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part #929968-1
2,5MM PIN CONTACT



TE Part #1355556-1
MQS1,5 Sn rec LL unseal. 0,35-0,5



TE Part #3-1416100-2
ST3P3LC4

Documents

Product Drawings

062 PIN ASS. TYP3+

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_163766-1_AT.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_163766-1_AT.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_163766-1_AT.3d_stp.zip

English

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Product Specifications

Product Specification

English