



AMP | AMP Type III+

TE Internal #: 163085-9

Tin (Sn), Pin Contact, 24 – 20 AWG, .2 – .5 mm² Wire, Size 16, Crimp, Brass, 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
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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	Brass
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 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
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Dimensions

Wire Size	.2 – .5 mm ²
Compatible Insulation Diameter Range	1.1 – 1.8 mm[.045 – .071 in]

Usage Conditions

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

Circuit Application	Power & Signal
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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	有害物质含量符合标准要求 No Restricted Substance(s) 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 # 5-2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900-RSA



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151016-2
OCEAN_2.0_APPLICATOR-S-062F0900A-RSA



TE Part # 2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM



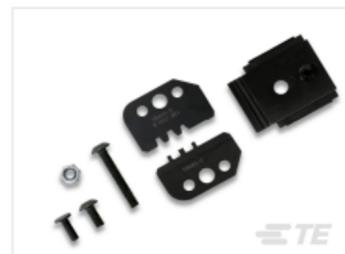
TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 5-2151016-1
OCEAN_2.0_APPLICATOR-S-062F0900-RSM



TE Part # 58495-2
PROCRIMPER DIE ASSY MULTIMATE



TE Part # 2384426-1
SDE F TYPE III+ 0.56-0.12mm² ASSY



TE Part # 2384426-2
SDE F TYPE III+ 0.56-0.12mm² DIE SET



TE Part # 7-2151016-7
OCEAN_2.0_SPARE_PART_KIT-062F0900



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 169475-1
MINI CERTI-LOK III+

Also in the Series | AMP Type III+



Connector Contacts(365)



Insertion & Extraction Tools(4)

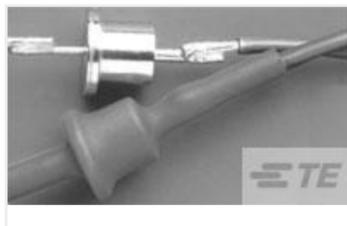


Power Contacts(365)

Customers Also Bought



TE Part #DT04-3P-CE04
REC, 3P, GRY, E, XCAP



TE Part #5677592006
RNF-3000-12/4-0-STK



TE Part #183077-1
FREE HANG.17-16STD.SEX SRS 1



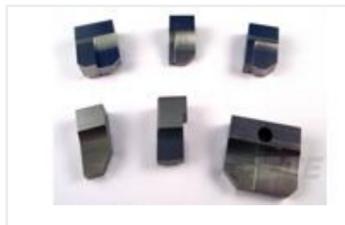
TE Part #207604-1
METRIMATE,STR REL KIT,36P



TE Part #414002-1
PLUG,CABLE,RTANG,SMB,AUPLTD



TE Part #456134-6
CRIMPER, INSULATION "F"(.180)



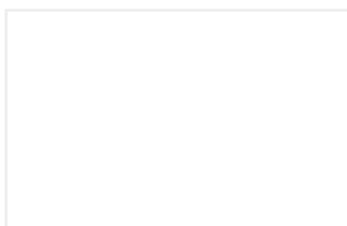
TE Part #7-1333225-4
ANVIL, COMBINATION, SPECIAL



TE Part #8-1879377-6
CRGH0805 5% 3K3 0.33W



TE Part #5050865-3
SOCKET,MIN-SPR SN-AU SER-4



TE Part #2-2191666-1
KTHV-RSTI-6823R-HT-500-NEL

Documents

[Product Drawings](#)
[.062 DIA PIN ASS 3+](#)

English

[CAD Files](#)
[Customer View Model](#)
[ENG_CVM_CVM_163085-9_AD.2d_dxf.zip](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_163085-9_AD.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_163085-9_AD.3d_stp.zip](#)

English

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Product Specifications

English