

66597-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66597-1

Pin Contact, Tin, Size 16 Contact Size, 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Crimp, Brass, Power & Signal, AMP Type III+

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Tin**

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

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Contact Features

Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 µm[50 µin]
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Wire Contact Termination Area Plating Material Finish	Bright
Contact Mating Area Plating Material Thickness	2.54 µm[100 µin]
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Type	Pin
Contact Mating Area Plating Material	Tin
Wire Contact Termination Area Plating Material	Tin-Lead
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 A

Termination Features



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

Wire Insulation Support	With
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Dimensions

Compatible Insulation Diameter Range	2.79 – 3.81 mm [.11 – .15 in]
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Wire Size	.8 – 2 mm ²
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Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	4000
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Packaging Method	Reel
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (13% in Component Part)
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Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



TE Part # 2151405-1
OCEAN_2.0_Applicator-S-090F1550-RSM



TE Part # 200893-2
INSERTION TOOL CONT




TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 2151405-2
OCEAN_2.0_Applicator-S-090F1550-RSA

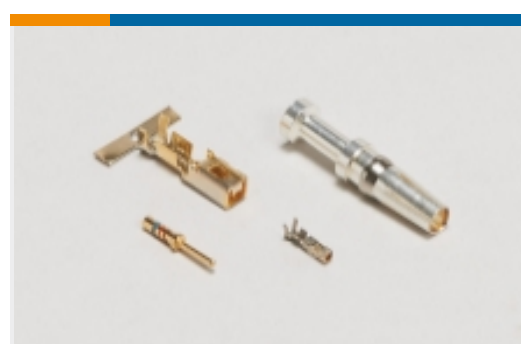


TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp




TE Part # 7-2151405-7
OCEAN_2.0_SPARE_PART_KIT-090F1550

Also in the Series | AMP Type III+



Connector Contacts(409)



Insertion & Extraction Tools(4)

Customers Also Bought



TE Part #174984-2
ECONOSEAL, CONNECTOR
HOUSING



TE Part #770581-1
12P MINI UMNL PLUG HSG



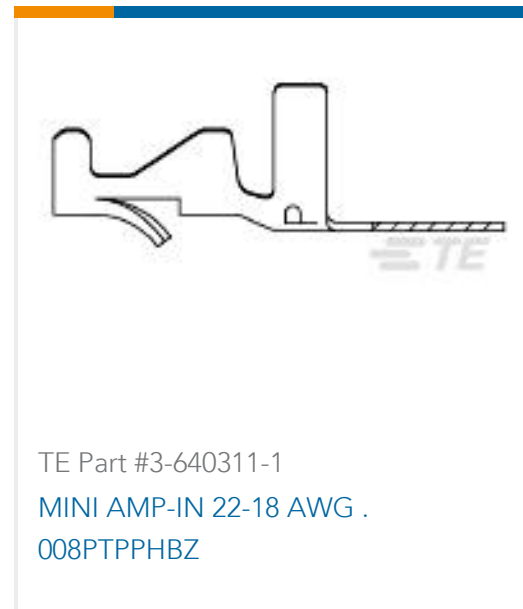
TE Part #794275-1
06P UMNL INTERFACE SEAL



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



TE Part #794276-1
06P UMNL WIRE SEAL



TE Part #3-640311-1
MINI AMP-IN 22-18 AWG .
008PTPPHBZ



TE Part #276959-2
SPLICE, TERMI-FOIL TAP



TE Part #174985-7
8 POS. DL PLATE FOR CAP MK II+



TE Part #174983-7
8 POS DL PLATE FOR PLUG MKII+

Documents

Product Drawings

III+ PIN,18-14,TIN-LEAD,STRIP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_66597-1_AA.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66597-1_AA.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66597-1_AA.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

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

Japanese

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[Agency Approval Document](#)

English