

66598-1 ✓ ACTIVE

AMP | AMP Type III+

TE Internal #: 66598-1

Power Contacts, Contact, Tin-Lead, 18 – 14 AWG Wire Size, .8 – 2 mm² Wire Size, Wire & Cable, Crimp, Power & Signal, Socket, AMP Type III+

[View on TE.com >](#)



Connectors > Power Connectors > Power Contacts



Power Contact Type: **Contact**

Contact Mating Area Plating Material: **Tin-Lead**

Wire Size: **.8 – 2 mm²**

Connector & Contact Terminates To: **Wire & Cable**

Features

Product Type Features

Power Contact Type	Contact
Connector & Contact Terminates To	Wire & Cable

Contact Features

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



Contact Underplating Material	Nickel
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Contact Underplating Material Thickness	.76 μm[30 μin]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Wire Insulation Support	With
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Dimensions

Wire Size	.8 – 2 mm ²
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Compatible Insulation Diameter Range	2.79 – 3.81 mm[.11 – .15 in]
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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	4000
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Packaging Method	Reel
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Other

Power Connectors Comment	Contacts can only be used in Metrimate, Series 1 (Arr. 23-24), Series 4 (Arr. 23-13M, 23-16M, 23-22M), and VDE connectors.
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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	<p>Current ECHA Candidate List: JUNE 2023 (235)</p> <p>Candidate List Declared Against: JAN 2023 (233)</p> <p>SVHC > Threshold:</p> <p>Pb (13% in Component Part)</p>
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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
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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 # 200893-2
INSERTION TOOL CONT



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



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 305183
EXTRACT TOOL TYPE 2 20-16



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



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



TE Part # 2-2151405-1
OCEAN_2.0_Applicator-S-090F1550




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



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



TE Part # 7-2151405-1
OCEAN_2.0_Applicator-S-090F1550



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

Also in the Series | **AMP Type III+**

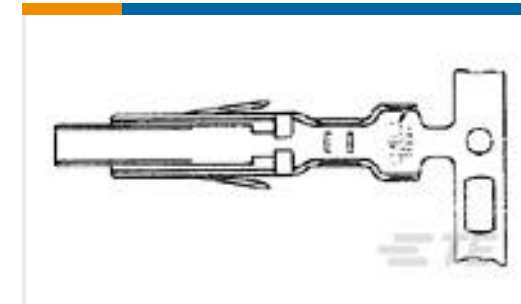


Insertion & Extraction Tools(4)



Power Contacts(409)

Customers Also Bought

TE Part #172624-3
DRAWER CONN. MALE 24P 4.3MMTE Part #5172625-3
DRAWER CONN. FEMALE ASSY 24PTE Part #2-32947-1
PG R 22-16 COMM 22-18 MIL 6TE Part #170484-1
CONTACT FOR DRAWER
CONNECTORTE Part #T1330240121-000
H24B-TSH-RO-PG21TE Part #776438-4
AS 16, 12P CAP ASSY, KEY, 4TE Part #1355469-1
Timer Connector HousingTE Part #444308-1
FRAME, FUSE/RELAY BTE Part #276959-2
SPLICE, TERMI-FOIL TAP

Documents

Product Drawings

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

English

CAD Files

Customer View Model

ENG_CVM_CVM_66598-1_AG.2d_dxf.zip

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66598-1_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66598-1_AG.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

Product Environmental Compliance

[MD_66598-1_123120142132_dmtec](#)

English

[MD_66598-1_123120142132_dmtec](#)

English

Instruction Sheets

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

Japanese

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

English

Agency Approvals

[Agency Approval Document](#)

English