



AMP | AMP Type III+

TE Internal #: 1-66358-3

Power Contacts, Contact, Gold, 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: **Gold**

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	Gold
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	Phosphor Bronze
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Thickness	.12 – .2 μm[5 – 8 μin]
Wire Contact Termination Area Plating Material	Gold
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	2.03 – 2.54 mm[.08 – .1 in]
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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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Other

Power Connectors Comment	Overall insulation crimp diameter, including crimp barrel, must not exceed 3.18 [.125]., Reverse Reeled For Mini Applicator
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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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

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 # 305183
EXTRACT TOOL TYPE 2 20-16



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



TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 539972-1
EXTRACTION TOOL



TE Part # 2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 2151101-2
OCEAN_2.0_APPLICATOR-S-090F1200



TE Part # 7-2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200



KIT
TE Part # 7-2151101-7
OCEAN_2.0_SPARE_PART_KIT-090F1200



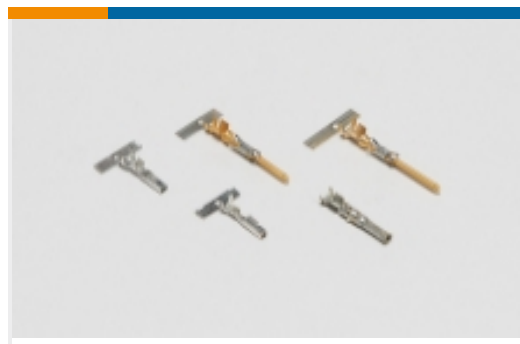
TE Part # 2-2151101-1
OCEAN_2.0_APPLICATOR-S-090F1200

TE Part # 466923-2
SCA SMPR090F1200S

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

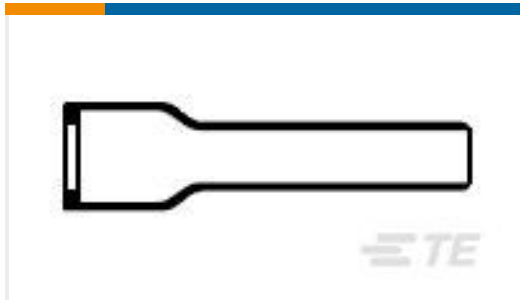


Insertion & Extraction Tools(4)

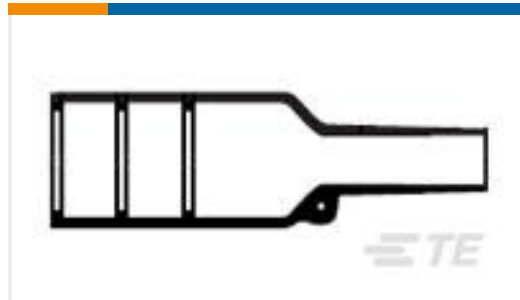


Power Contacts(409)

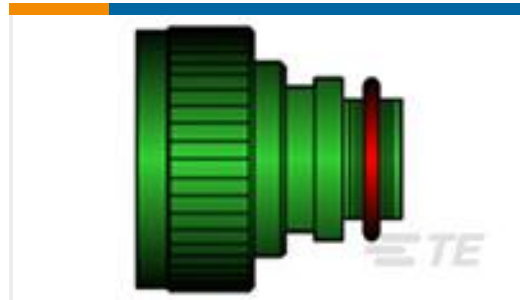
Customers Also Bought



TE Part #372649-000
202D232-25/225-0



TE Part #812860-000
202K163-3-0



TE Part #169309-000
TXR40AB00-2416AI



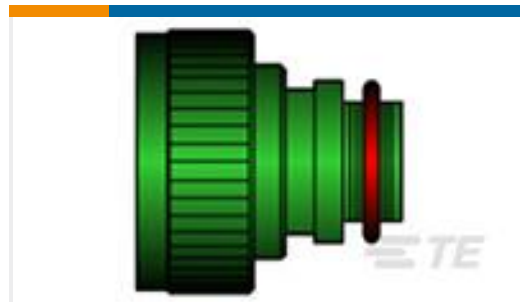
TE Part #1-1658622-1
60 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #1658622-9
40 NOVO MIL/CTR 30DP,LEAD FREE



TE Part #YDTS24T25-35SAV001
RECP ASSY



TE Part #873533-000
TXR41AB00-2207AI



TE Part #C32569N002
8542-100FR-CS8184

Documents

Product Drawings

III+ SKT,18-14,30AU/FL,STRIP

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66358-3_AR.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66358-3_AR.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66358-3_AR.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[AMP Circular Connectors for Commercial Signal & Power Applications](#)

English

[Signal Contacts](#)

English

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Instruction Sheets

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

Japanese

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

English