



AMP | AMP Type III+, Circular Plastic Connectors Series 1

TE Internal #: 1-66358-9

Gold (Au), Socket Contact, 18 – 14 AWG, .8 – 2 mm² Wire, Spring Contact Retention, Size 16, Discrete Wire, Crimp, Copper Nickel Alloy, AMP Type III+

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Connectors > Contacts > Connector Contacts



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Gold Flash**

Contact Retention Within Housing: **With**

Contact Retention Type Within Housing: **Spring**

Features

Product Type Features

Discrete Wire Type	Solid or Stranded
Sealable	No

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Contact Features

Barrel Type	Open
Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Gold Flash
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Copper Nickel Alloy
Contact Current Rating (Max)	25 A
Mating Pin Diameter	1.57 mm[.062 in]



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 Finish	Matte
Contact Orientation	Straight
Contact Underplating Material	Nickel
Contact Underplating Material Thickness	.76 µm[30 µin]

Termination Features

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

Mechanical Attachment

Contact Retention Type Within Housing	Spring
Wire Insulation Support	With

Dimensions

Wire Size	.8 – 2 mm ²
Compatible Insulation Diameter Range	2.03 – 2.54 mm[.08 – .1 in]

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
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
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Solder Process Capability	Not applicable for solder process capability
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Product Compliance Disclaimer

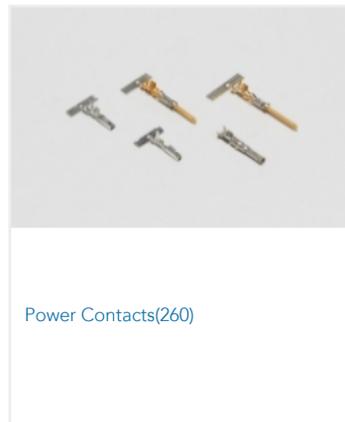
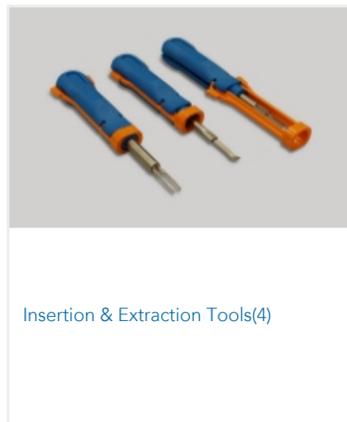
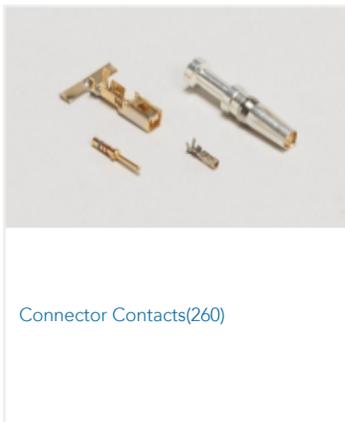
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

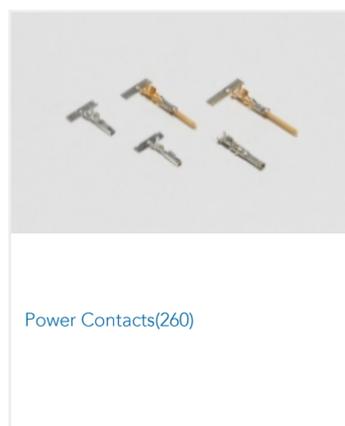
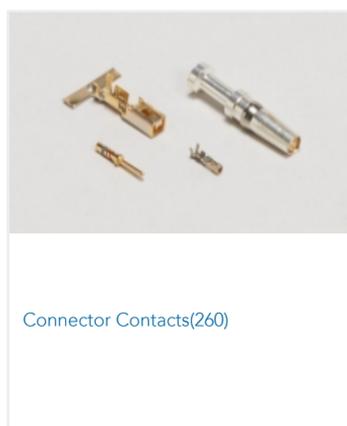
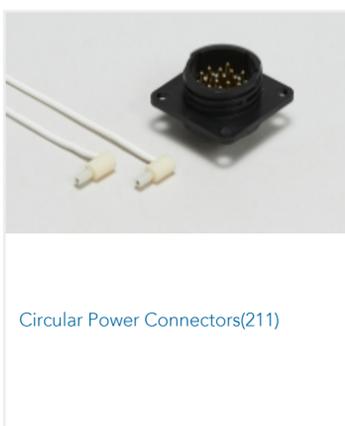
 <p>TE Part # 1977887-1 PLUG.ASSY,23-37STD SEX THRD AD, UV RESIS</p>	 <p>TE Part # 2151101-1 OCEAN_2.0_APPLICATOR-S-090F1200-RSM</p>	 <p>TE Part # 208720-1 PLUG ASSY,SZ 14,CMC</p>	 <p>TE Part # 206305-1 CPC PLUG ASSEMBLY SIZE 23-37</p>
 <p>TE Part # 211766-1 CPC PLUG ASSEMBLY SIZE 17-9</p>	 <p>TE Part # 211772-1 CPC PLUG ASSEMBLY SIZE 23-19</p>	 <p>TE Part # 206060-1 CPC PLUG ASSEMBLY SIZE 11-4</p>	 <p>TE Part # 206554-1 CPC PLUG ASSEMBLY SIZE 17-16</p>
 <p>TE Part # 208470-3 CMC PLUG ASSEMBLY,SZ 28</p>	 <p>TE Part # 213852-1 CPC PLUG ASSEMBLY SIZE 23-19</p>	 <p>TE Part # 208714-2 CMC PLUG ASSEMBLY,SZ 14-7</p>	 <p>TE Part # 208488-3 CMC PLUG ASSEMBLY,SZ 22</p>



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



Also in the Series | **Circular Plastic Connectors Series 1**



Customers Also Bought



TE Part #3160383002
55A0121-24-0/9



TE Part #T4130012031-000
M12,REAR MOUNT,MALE,A,3P,
SOLDER WIRE



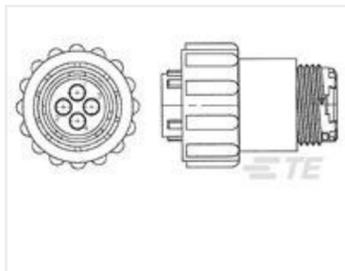
TE Part #36927
BODY SOLIS RING 3/0 3/8



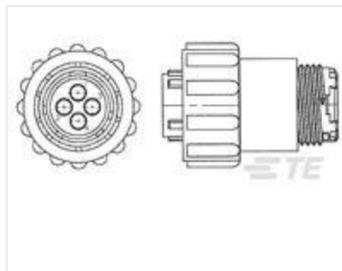
TE Part #36929
TERMINAL,SOLIS R 3/0 1/2



TE Part #66102-8
III+ PIN,24-20,15AU/FL,STRIP



TE Part #788157-2
SLD CPC PLUG ASSY,13-9,STD SEX



TE Part #1977878-1
SLD CPC PLUG ASY,11-4,STD SEX, UV
RESIST



TE Part #2295225-1
THERMOCOUPLE CONN K-TYPE 2P.
GROMMET



TE Part #Y-84A231062P10-KIT
GE TRANSPORTATION, DT 3WY W
/1939



TE Part #1958595-1
TERM, RING, AMPPOWER, 300MCM,
M12[1/2]

Documents

Product Drawings

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

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66358-9_AR.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66358-9_AR.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66358-9_AR.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

1-66358-9

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Signal Contacts

English