



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

TE Internal #: 1-66359-6

Pin Contact, Precious Metal, Spring Contact Retention, Size 16
 Contact Size, Discrete Wire, 18 – 14 AWG, .8 – 2 mm² Wire, Crimp,
 AMP Type III+

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Precious Metal**

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

Contact Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1.57 mm[.062 in]
Contact Underplating Material Thickness	1.27 μm[50 μin]
Contact Mating Area Plating Material Thickness	.76 μm[30 μin]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	.12 – .2 μm[5 – 8 μin]
Barrel Type	Open
Contact Type	Pin



Contact Mating Area Plating Material	Precious Metal
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

Termination Features

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

Mechanical Attachment

Wire Insulation Support	With
Contact Retention Type Within Housing	Spring

Dimensions

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

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 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 # 1977878-1
SLD CPC PLUG ASY, 11-4, STD SEX, UV RESIST



TE Part # 200893-2
INSERTION TOOL CONT



TE Part # 206516-1
CPC PLUG ASSEMBLY SIZE 11-4



TE Part # 208716-1
CMC PLUG ASSEMBLY, SZ 14



TE Part # 213853-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 213849-1
CPC PLUG ASSEMBLY SIZE 17-16



TE Part # 208718-2
CMC PLUG ASSEMBLY, SZ 14-5



TE Part # 211770-2
CPC PLUG ASSEMBLY SIZE 23-19



TE Part # 796274-1
SLD CPC PLUG ASSY, 17-16, STD SX



TE Part # 796274-2
SLD CPC PLUG ASSY, 17-16, STD SX



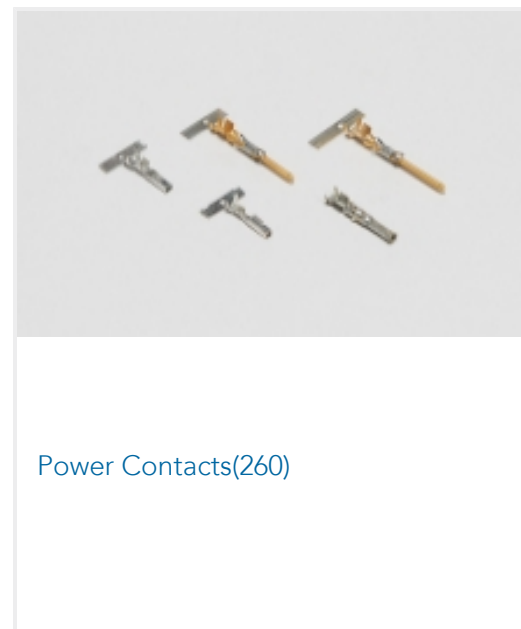
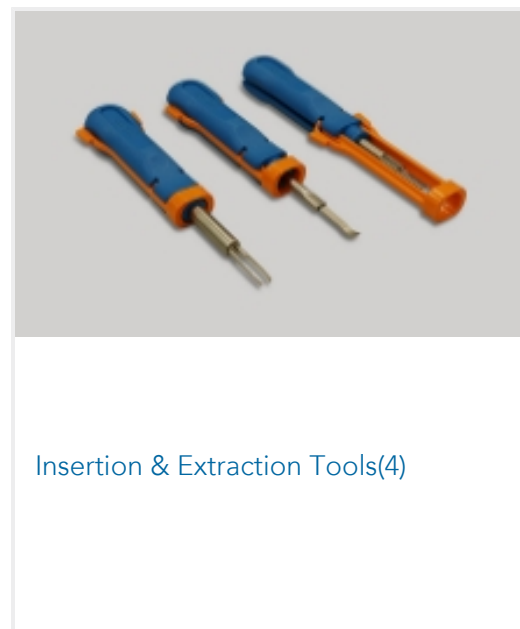
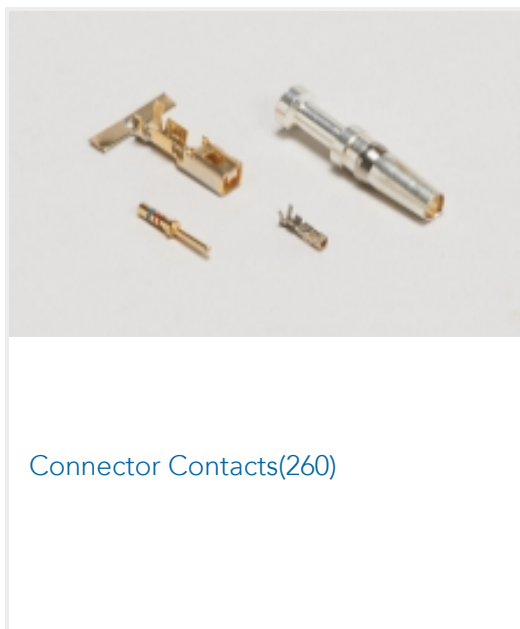
TE Part # 796188-1
SLD CPC PLUG ASSY, 23-24, STD SX



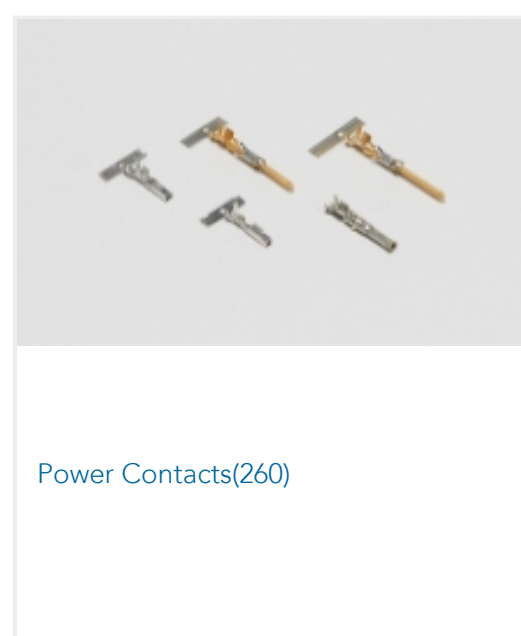
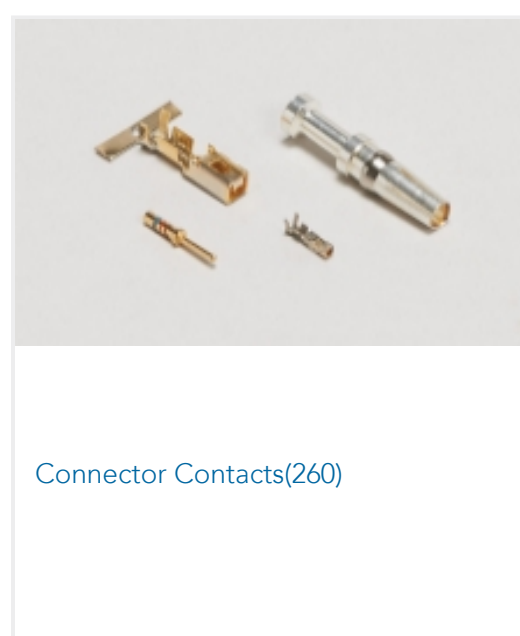
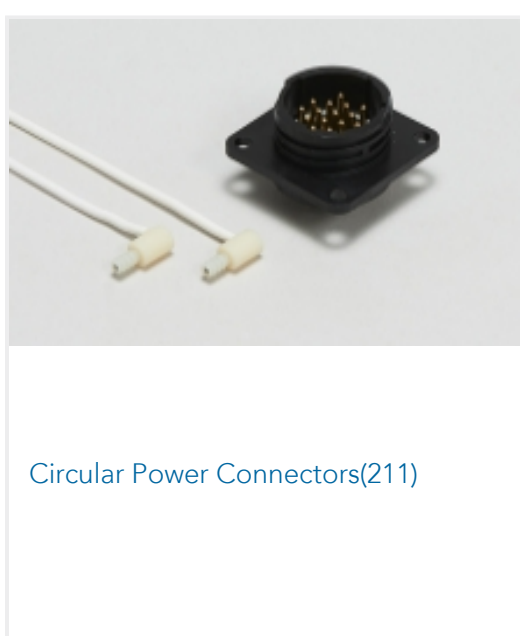
TE Part # 796271-1
SLD CPC PLUG ASSY, 17-14, REV SX



Also in the Series | AMP Type III+



Also in the Series | Circular Plastic Connectors Series 1



Customers Also Bought



TE Part #3-647466-1
SL156 HOODED CONTACT, LID LF



TE Part #794440-1
MINI UMNL PIN SN 22-18 AWG



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #103958-7
2X8 MTE RCPT SR LATCH .100CL



TE Part #3-644460-8
08P MTA156 CONN ASSY 18AWG
ORA



TE Part #537637P041
SCT-NO.3-E3-0-STK



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



TE Part #770041-1
12P UMNL II PLUG-FRONT 94VO



TE Part #1424647-1
START SENSOR ASSY

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1-66359-6_AG.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-66359-6_AG.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-66359-6_AG.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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

English

Signal Contacts

English



Product Specifications

Product Specification

English