



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

TE Internal #: 66331-4

Socket Contact, 24 – 20 AWG, .2 – .6 mm² Wire, Gold (Au), Size 16, Crimp, Brass, Power & Signal, -55 – 150 °C [-67 – 302 °F], 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: **Tin**

Contact Retention Within Housing: **With**

Contact Size: **Size 16**

Features

Contact Features

Contact Type	Socket
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Size	Size 16
Contact Base Material	Brass
Contact Current Rating (Max)	13 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	1.27 µm[50 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

Wire Insulation Support	With
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Dimensions

Wire Size	.2 – .6 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	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

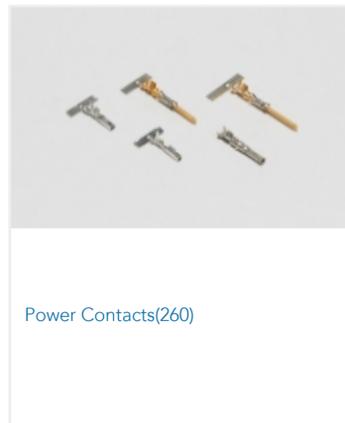
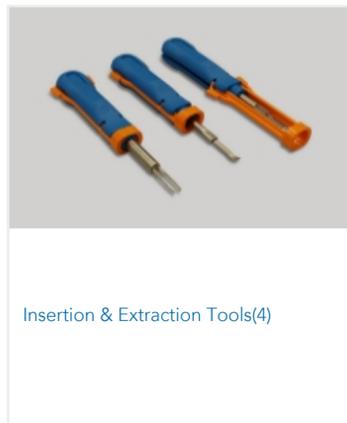
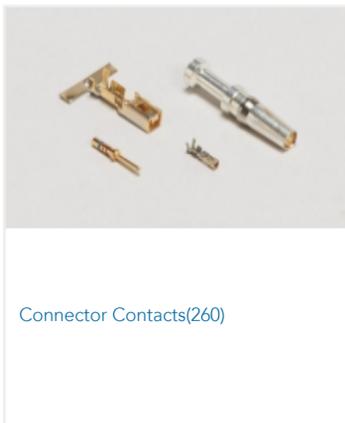
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

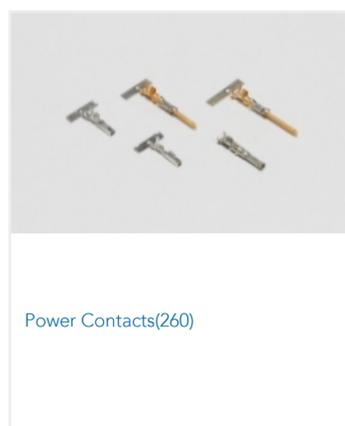
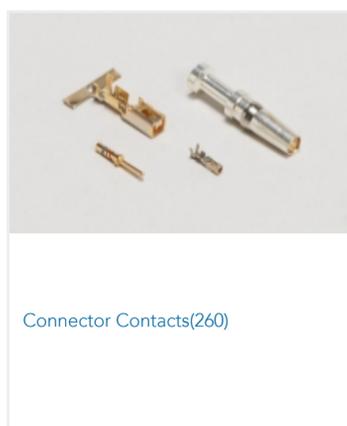
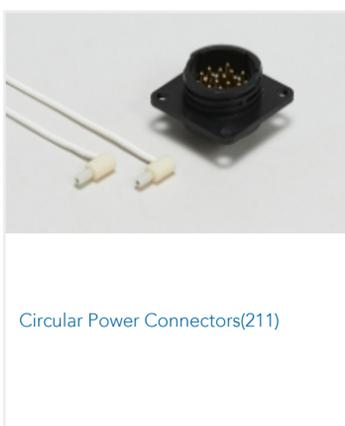
Compatible Parts



Also in the Series | AMP Type III+



Also in the Series | Circular Plastic Connectors Series 1



Customers Also Bought



TE Part #CONMMCX011-R178
MMCX Jack 50 Ohm Cable Crimp



TE Part #346656-000
S01-04-R



TE Part #642145-000
S01-02-R



TE Part #775210-000
S01-03-R



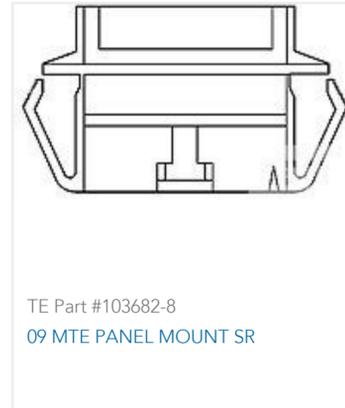
TE Part #D99301-000
ST58-5-55-22-90



TE Part #CONMMCX012-R178
MMCX Jack 50 Ohm Cable Crimp



TE Part #CONMMCX011
MMCX Jack 50 Ohm Cable Crimp



TE Part #103682-8
09 MTE PANEL MOUNT SR



TE Part #350020-1
02P COMMONING BAR .008PTPBR



TE Part #1-480277-0
09P CMNL CAP HSG P/M NATL

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_66331-4_AK.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_66331-4_AK.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_66331-4_AK.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Instruction Sheets

66331-4

Socket Contact, 24 – 20 AWG, .2 – .6 mm² Wire, Gold (Au), Size 16, Crimp, Brass,
Power & Signal, -55 – 150 °C [-67 – 302 °F], AMP Type III+



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

Japanese

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

English