



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 7

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

Connector System: **Wire-to-Board, Wire-to-Panel**

Sealable: **No**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Configuration Features

Number of Positions	7
Number of Power Positions	0
Number of Signal Positions	7

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin



Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Panel Mount Feature Type	Flange with Threaded Inserts
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Polarization Code	A
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	13

Dimensions

Assembly Length	39.89 mm[1.57 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	None

Operation/Application

Circuit Application	Signal
Shielded	No

Industry Standards

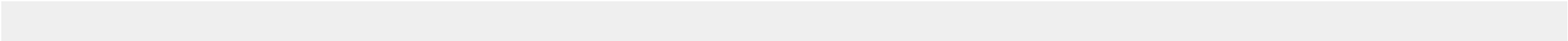
UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	24
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>



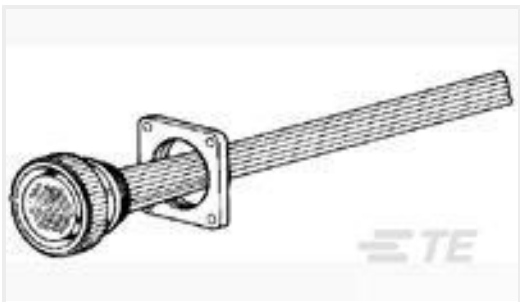


EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) SVHC > Threshold: Pb (3.7% in 74019106) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

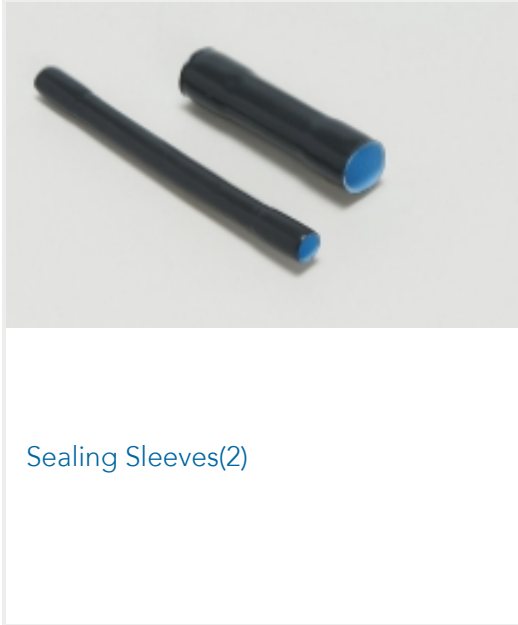
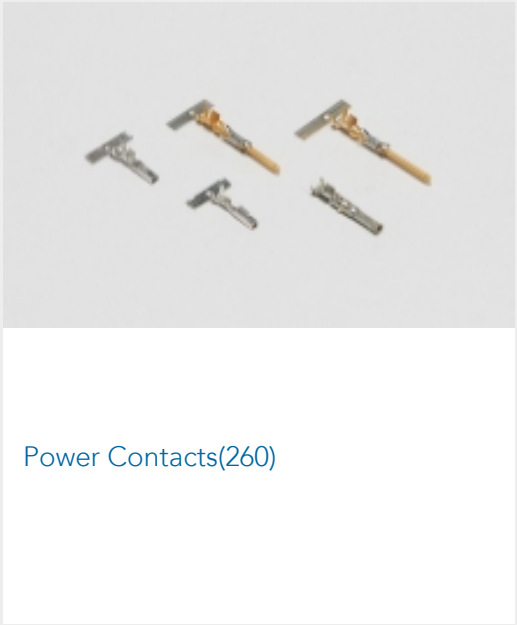
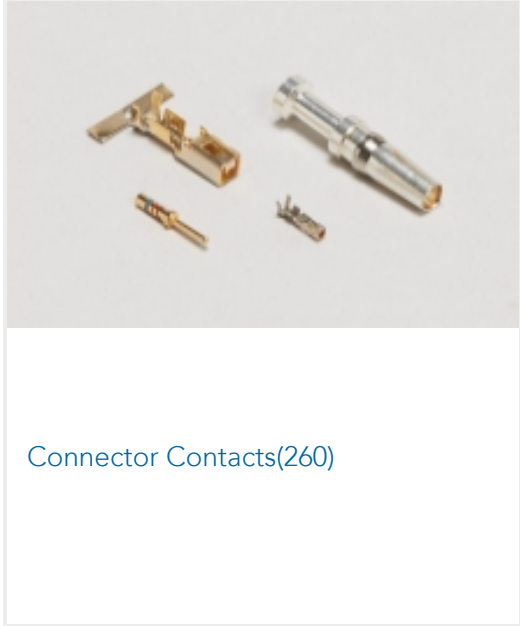
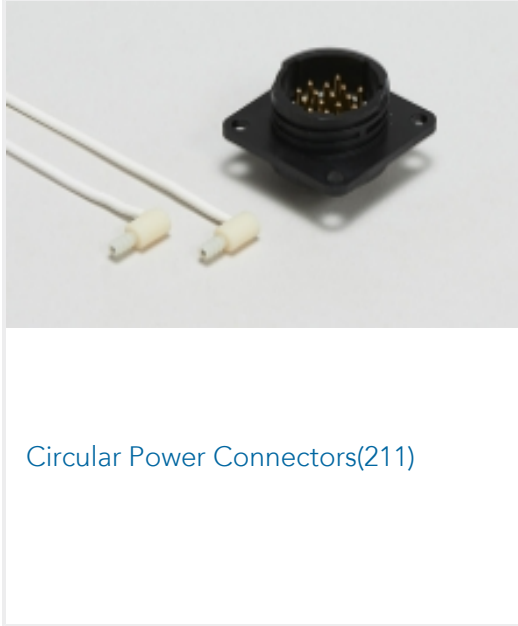
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

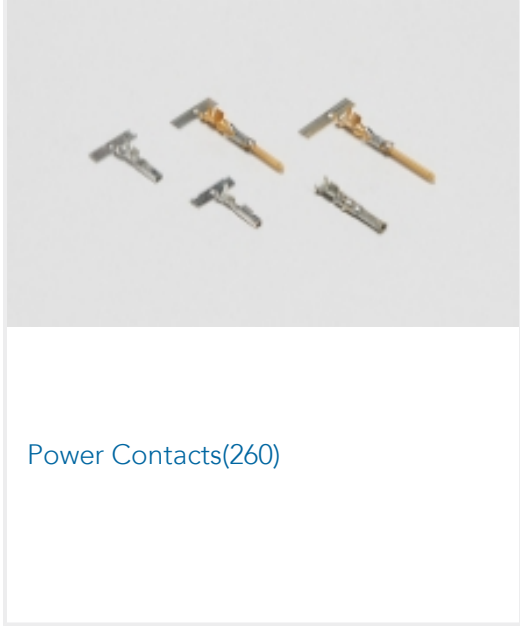
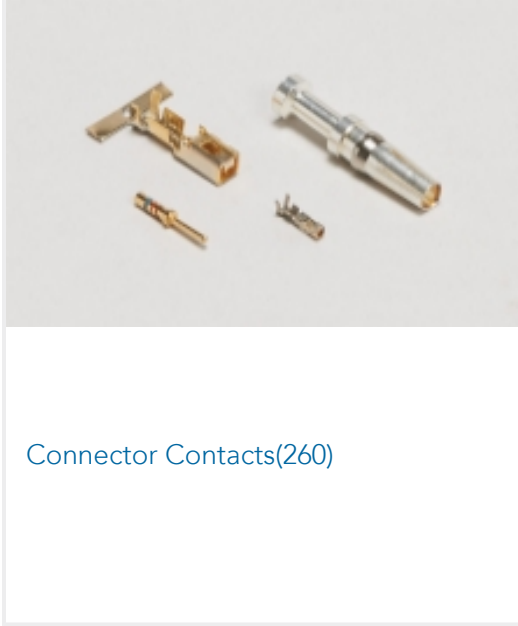
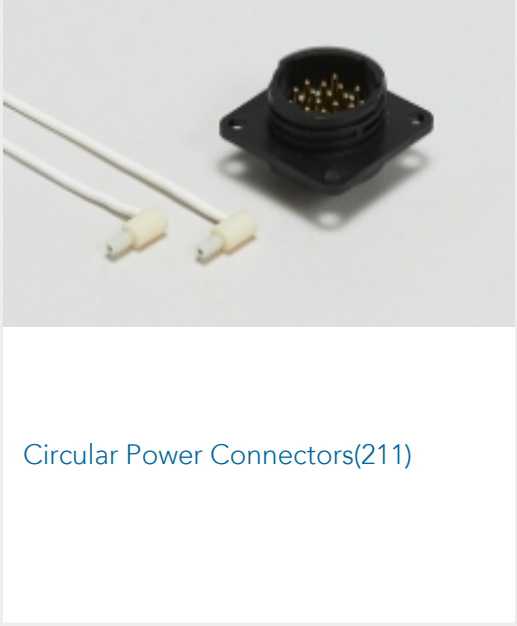
 TE Part # 207299-2 FLANGE PLUG MOUNT CPC	 TE Part # 211399-1 CPC PLUG ASSEMBLY SIZE 13-7	 TE Part # 2-2407269-4 CAP, CPC, SIZE 13 RECP, YELLOW	 TE Part # 2-2407269-2 CAP, CPC, SIZE 13 RECP, BLACK
 TE Part # 207008-6 CABLE CLAMP KIT, BULK PKG	 TE Part # 2-2407269-3 CAP, CPC, SIZE 13 RECP, RED	 TE Part # 206966-7 CABLE SHELL CLAMP SIZE 13	 TE Part # 1546348-2 R/A CABLE CLAMP KIT, SZ 13, CPC



Also in the Series | AMP Circular Plastic Connectors



Also in the Series | Circular Plastic Connectors Series 1



Customers Also Bought



TE Part #1-207216-7
CPC RECEPT ASSEMBLY SIZE 17-28

TE Part #213856-4
CPC RECPT ASSEMBLY SIZE 23-37

TE Part #213859-2
CPC RECPT ASSEMBLY SIZE 23-19

TE Part #213798-3
CPC RECPT ASSEMBLY SIZE 23-24

TE Part #2-1630012-6
HSC150 3R3 5%

TE Part #6-104068-7
100 SYSTEM 50 HDR DRST SHRD

TE Part #7-1879254-3
RP 2B 41R2 0.1% 15PPM CUT LENGTH

TE Part #1-206934-1
CPC RECPT ASSEMBLY SIZE 23-37

TE Part #2-208224-1
CPC RECPT ASSEMBLY SIZE 23-37

TE Part #1-207303-5
CPC RECPT ASSM SIZE 17-16

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-796433-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-796433-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_1-796433-1_A.3d_stp.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-796433-1_C.2d_dxf.zip

English

Customer View Model



[ENG_CVM_CVM_1-796433-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-796433-1_C.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

Product Specifications

[Application Specification](#)

English