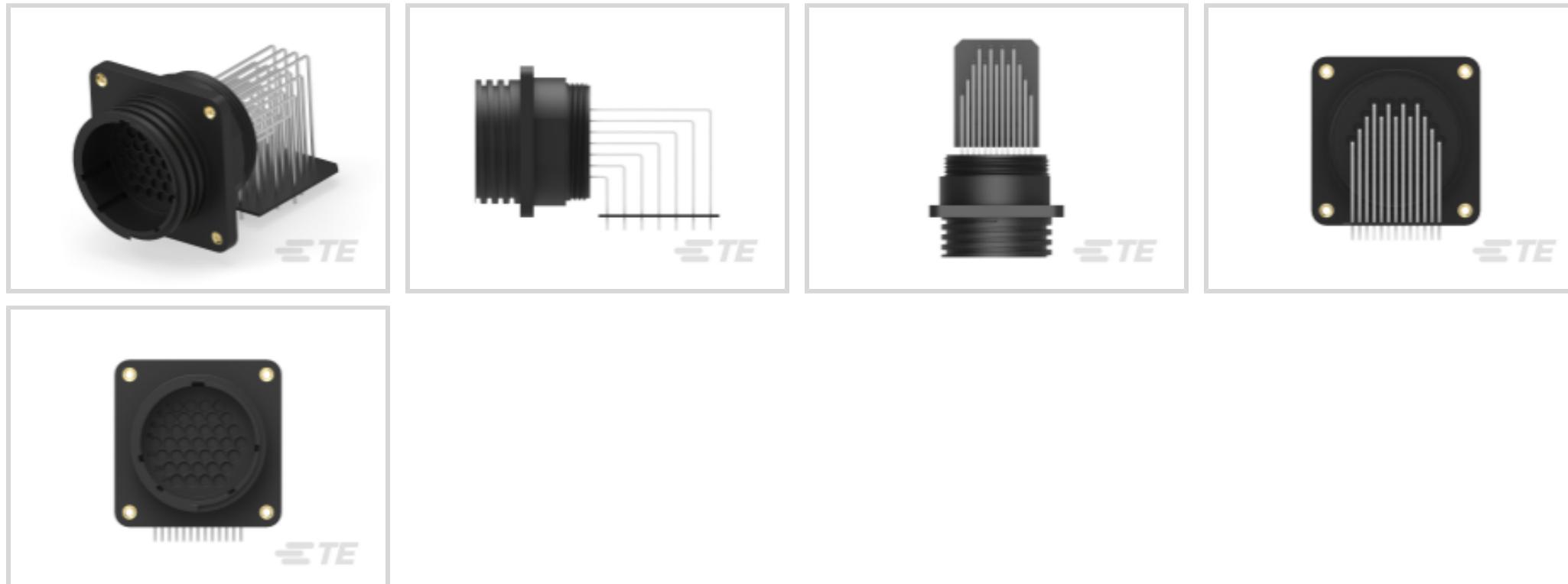


Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: **Connector Assembly**

Operating Voltage: 250 VDC

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

Sealable: Yes

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Packaging Features

Packaging Quantity	8
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Packaging Method	Tray
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Mechanical Attachment

Panel Mount Feature Type	Flange with Threaded Inserts
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Mating Alignment Type	Keyed
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Mating Retention Type	Threaded Coupling
-----------------------	-------------------

Mating Alignment	With
------------------	------

Connector Mounting Type	Panel Mount
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Mating Retention	With
------------------	------

Panel Mount Feature	With
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Configuration Features

Number of Positions	37
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Number of Power Positions	0
Number of Signal Positions	37
Product Type Features	
Connector Product Type	Connector Assembly
Connector System	Wire-to-Board, Wire-to-Panel
Sealable	Yes
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic
Electrical Characteristics	
Operating Voltage	250 VAC
Contact Features	
Reverse Gender	No
Contact Type	Pin
Housing Features	
Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	23
Dimensions	
Assembly Length	71.88 mm[2.83 in]
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Fluid Resistance	Immersion
Operation/Application	
Circuit Application	Signal
Shielded	No
Industry Standards	
UL Flammability Rating	UL 94V-0
Other	
EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.7% in Component Part) <small>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.</small>
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

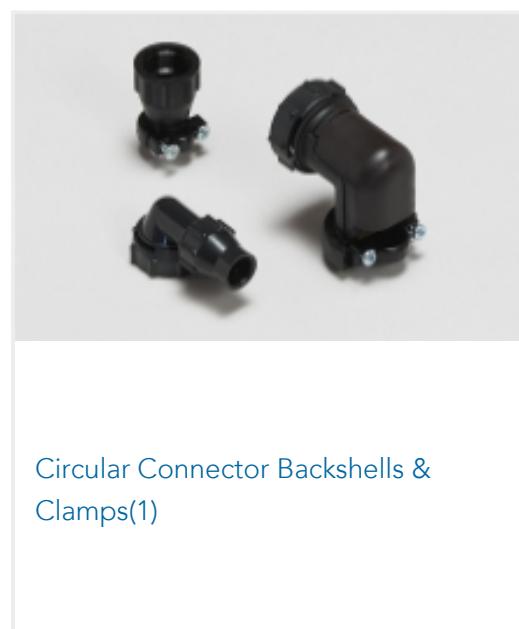
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

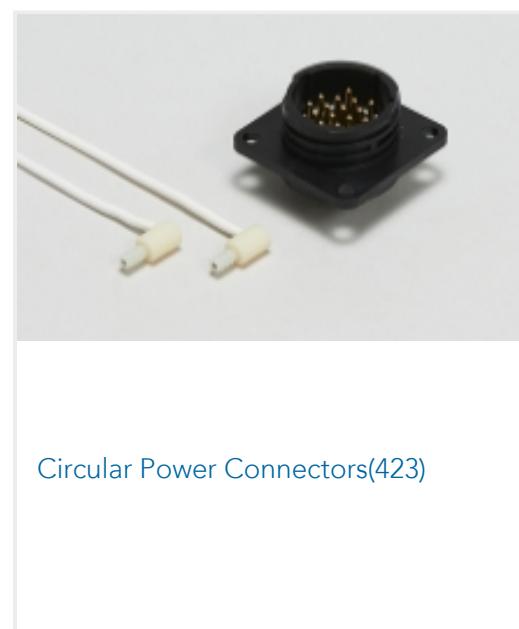


TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37

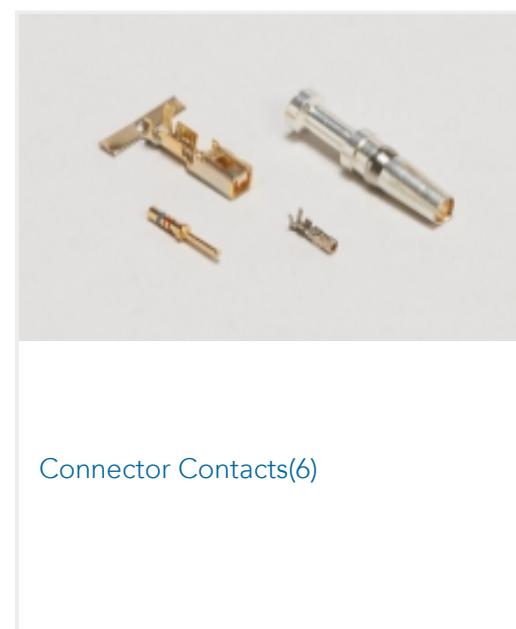
Also in the Series | [AMP CPC](#)



Circular Connector Backshells & Clamps(1)



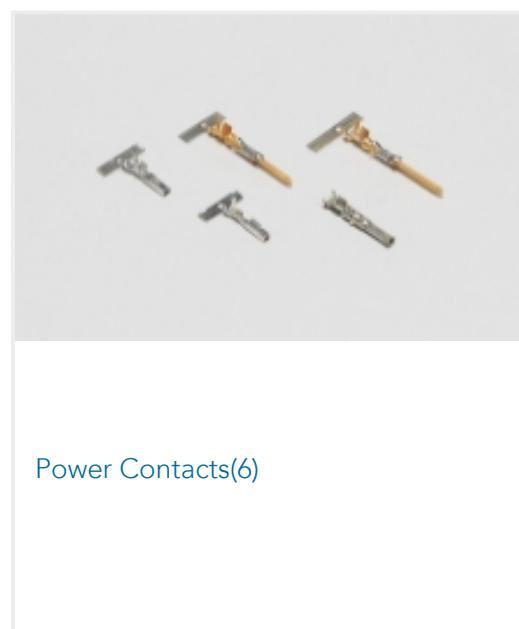
Circular Power Connectors(423)



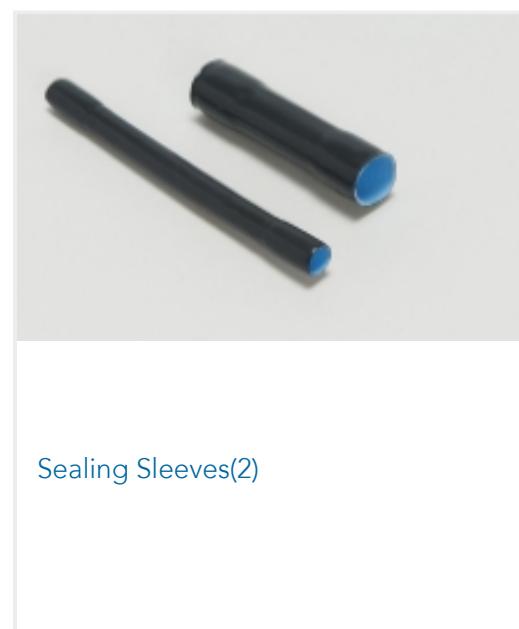
Connector Contacts(6)



Connector Hardware(12)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought

TE Part #1658694-5
AMP-LATCH UNV HDR,64 POSN,VERTTE Part #8-2176070-0
3521 20K 1% 2WTE Part #5-103669-1
02 MTE HDR SRST LATCH W/HLDWNTE Part #2-644487-5
05P MTA100 SHRD HDR ASSY 30AUTE Part #207446-4
SEALING CAP ASSY,SZ 23,CPCTE Part #1-1614353-6
RN 0603 30K 0.1% 10PPM CUT LENGTHTE Part #280380-2
8P MODU II SHRD HDR,RT ANG, 0.38 AUTE Part #224514-E
MSPEED 50 F SMD F8 * AB VV 137 094
*** ETE Part #9-331350-3
BNC PLUG PTFETE Part #2-2176306-3
RP 1E 0.1W 1K96 0.1% 25PPM 5K RL

Documents

CAD Files[3D PDF](#)

3D

Customer View Model[ENG_CVM_CVM_1-796406-2_J.2d_dxf.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-796406-2_J.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_1-796406-2_J.3d_stp.zip](#)

English

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

English

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

English

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

English