



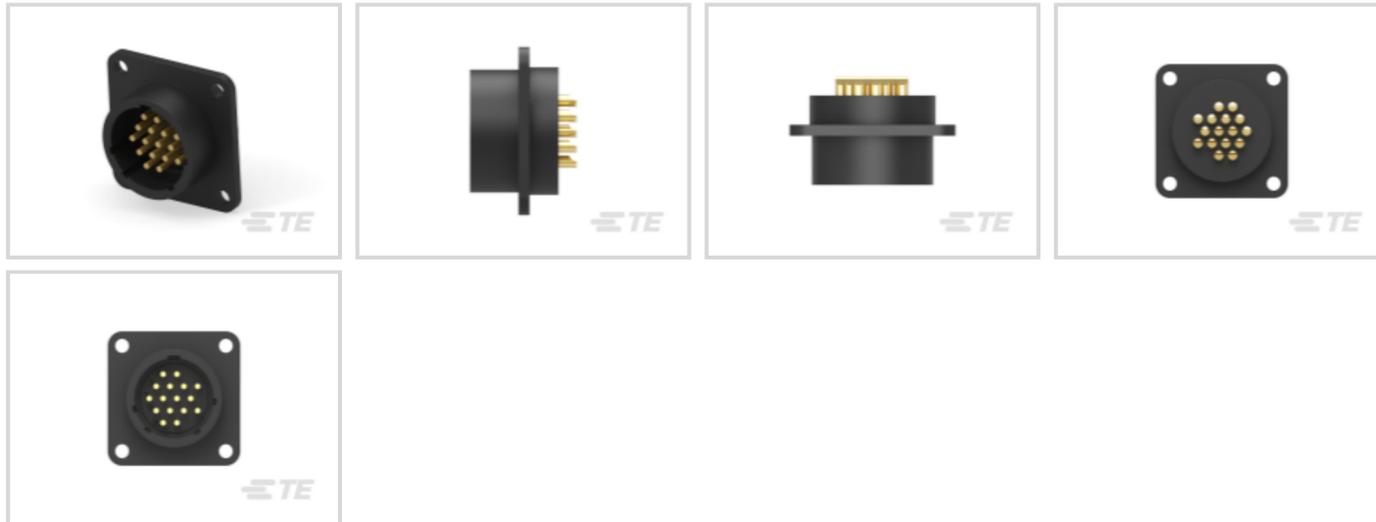
AMP | AMP Circular Plastic Connectors, Circular Plastic Connectors Series 1

TE Internal #: 206404-1

16 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Panel / Wire-to-Wire, Sealable, AMP Circular Plastic Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: **16**

Connector Product Type: **Connector Assembly**

Operating Voltage: **250 VDC**

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

Sealable: **Yes**

### Features

#### Product Type Features

Connector Product Type	Connector Assembly
Connector System	Wire-to-Panel, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

#### Configuration Features

Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

#### Electrical Characteristics

Operating Voltage	250 VAC
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#### Contact Features

Reverse Gender	No
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Contact Type	Pin
Contact Current Rating (Max)	13 A
Contact Protection	With

#### Termination Features

Termination Method to Wire & Cable	Solder
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#### Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment Type	Keyed
Mating Retention Type	Threaded Coupling
Mating Alignment	With
Connector Mounting Type	Panel Mount
Mating Retention	With
Panel Mount Feature	With

#### Housing Features

Housing Color	Black
Housing Material	PA 6.6 GF
Circular Connector Shell Size	17

#### 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	Standard

#### 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	<p>Current ECHA Candidate List: JAN 2025 (247)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>SVHC &gt; Threshold: Pb (3.7% in 74019106)</p> <p><b>Article Safe Usage Statements:</b> 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.</p>
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 Circular Plastic Connectors](#)



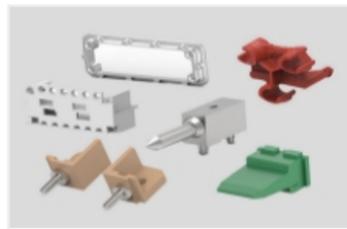
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(211)



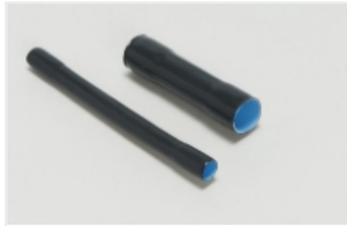
Connector Contacts(260)



Connector Hardware(10)



Power Contacts(260)



Sealing Sleeves(2)

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



Circular Power Connectors(211)

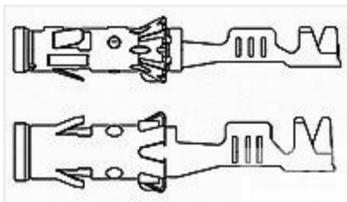


Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



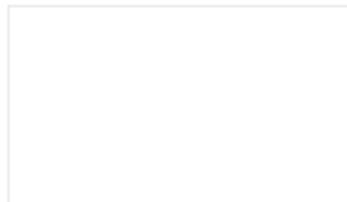
TE Part #929989-1  
1,5MM SOCK CONTACT



TE Part #324615  
TERMINAL,PIDG R 12-10 5/8



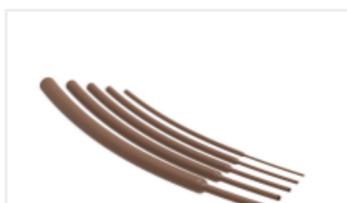
TE Part #ZPF00000000018706  
FDBA 50H 10-6 PN-K



TE Part #ZPF00000000016507  
DTS 21 Y 11-35 PN



TE Part #66399-4  
III+ SKT,24-20,30AU/FL,LP



TE Part #CAT-HST-RNF100-1  
RNF-100-1 Heat Shrink Tubing



TE Part #965687-1  
FIXING RING



TE Part #5-826947-0  
MOD2 PIN HEADER 50P



## Documents

### Product Drawings

[CPC RECPT ASSEMBLY SIZE 17-16](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_206404-1\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_206404-1\\_C.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_206404-1\\_C.2d\\_dxf.zip](#)

English

[3D PDF](#)

English

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3D

Customer View Model

[ENG\\_CVM\\_CVM\\_206404-1\\_M.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_206404-1\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_206404-1\\_M.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL Report](#)

English

