

796274-1 ✓ ACTIVE



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

TE Internal #: 796274-1

16 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Sealable, Wire & Cable, Plug, Socket, Signal, AMP Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

Connector System: **Wire-to-Wire**

Number of Positions: **16**

Sealable: **Yes**

Features

Product Type Features

Connector Seal & Plug Type	Wire Entry Seal
Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	16
Number of Power Positions	0
Number of Signal Positions	16

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	15/16-20 UNEF – 2A
Polarization Code	A
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Nylon
Circular Connector Shell Size	17

Dimensions

Compatible Insulation Diameter Range	1.65 – 3.05 mm [.065 – .12 in]
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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
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Packaging Features

Packaging Quantity	100
Packaging Method	Bag

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

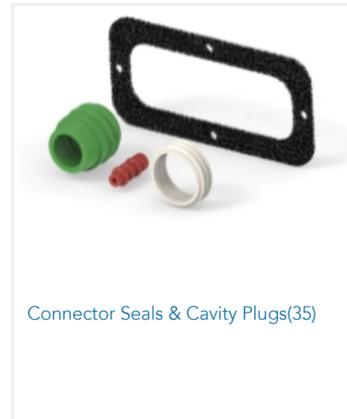
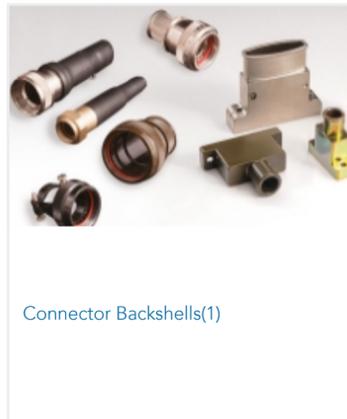
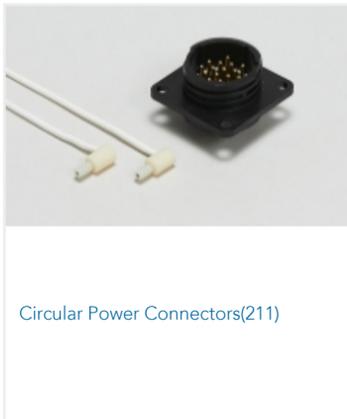
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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





Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(260)

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



Circular Power Connectors(211)

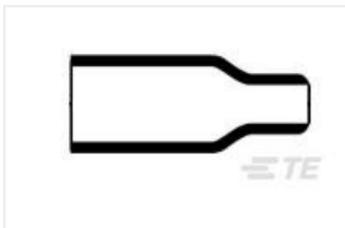


Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #366661-000
202A142-25/86-0



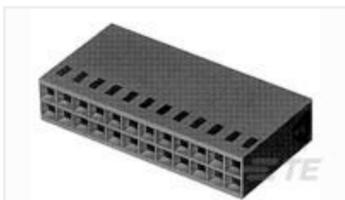
TE Part #DTM04-12PA-E003
REC, 12P, GRY, N, CAP, A



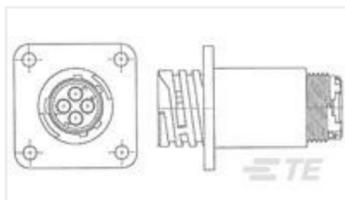
TE Part #66260-2
MALE CONTACT ASSY. (L.P.)



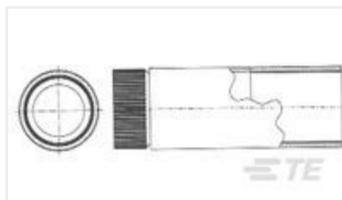
TE Part #66262-2
MALE CONTACT ASSY. (L.P.)



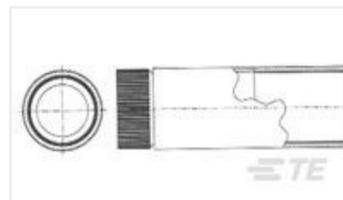
TE Part #1-87456-4
18 MODIV HSG DR MRKD .100CL



TE Part #796272-1
SLD CPC RCPT ASSY,17-14,REV SX



TE Part #1546921-1
STR RLF ASSY,TUBING,SIZE 11



TE Part #1546997-1
STR RLF ASSY,TUBING,SIZE 8



TE Part #4-1618387-1
EV200HRANA=RELAY, SPST-NO



TE Part #1622479-1
LR1 1% 43K



Documents

Product Drawings

[SLD CPC PLUG ASSY,17-16,STD SX](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_796274-1_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796274-1_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_796274-1_G.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.2d_dxf.zip](#)

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[3D PDF](#)

English

Customer View Model

[ENG_CVM_796274-1_E1.3d_igs.zip](#)

English

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Datasheets & Catalog Pages

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

English

[Datasheet - CPC Protective Caps](#)

English

[Accessories for Circular plastic connectors](#)

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[Circular Plastic Connectors Standard Cable Assemblies](#)

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[circular-plastic-connectors-catalog](#)

English

Agency Approvals

[UL Report](#)



English