



Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 37

Connector Product Type: **Housing**

Operating Voltage: 600 VDC

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

Sealable: **No**

Features

Product Type Features

Connector Product Type	Housing
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector & Housing Type	Plug
Circular Connector Shell Type	All Plastic

Configuration Features

Reverse Numbering	With
Number of Positions	37
Number of Power Positions	0
Number of Signal Positions	37

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	1-3/8 - 18 UNEF-2A
Polarization Code	B
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	Thermoplastic
Circular Connector Shell Size	23

Usage Conditions

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

Operation/Application

Circuit Application	Power & 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
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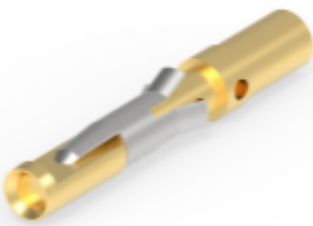


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not 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

 TE Part # 164159-4 M-SRS PIN ASSY 3+	 TE Part # 66394-7 III+ SKT,30-26,15AU/FL,STRIP	 TE Part # 1-66105-9 III+ SKT,24-20,TIN,LP	 TE Part # 1-66101-9 III+ SKT,18-16,TIN ,LP
 TE Part # 202726-1 CONTACT SOCKET ASSY.	 TE Part # 1-66098-8 III+ PIN,18-16,TIN STRIP	 TE Part # 1-66564-2 III+ PIN,24-20,TIN,STRIP	 TE Part # 1-66601-0 III+ SKT,18-14,30AU/FL,LP



TE Part # 207774-3
CLAMP CABLE SHELL,SIZE 23



TE Part # 1-66598-2
III+ SKT,18-14,TIN ,STRIP



TE Part # 1-66597-1
III+ PIN,18-14,TIN ,STRIP



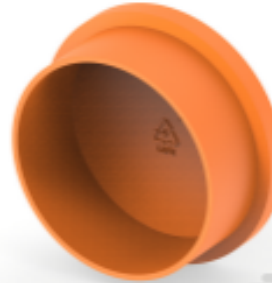
TE Part # 164160-3
M-SRS PIN ASSY 3+



TE Part # 164164-2
PIN ASS



TE Part # 201334-1
CONTACT PIN ASSY.



TE Part # 5-2407269-1
CAP, CPC, SIZE 23 PLUG, ORANGE



TE Part # 193846-1
SKT ASSY.



TE Part # 3-66104-0
III+ SKT,24-20,TIN ,STRIP



TE Part # 796964-1
PIN ASSY,18-16 AWG,HI CURRENT



TE Part # 66565-7
III+ SKT,24-20,TIN,LP



TE Part # 66393-7
III+ PIN,30-26,15AU/FL,STRIP

Also in the Series | AMP Circular Plastic Connectors



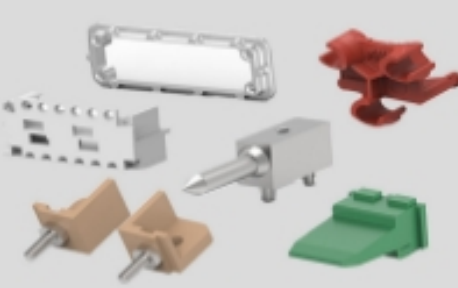
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(211)



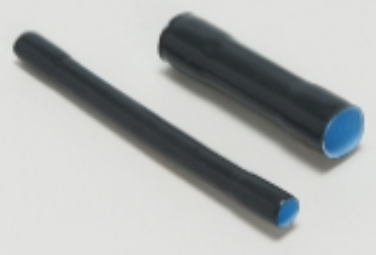
Connector Contacts(260)



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)

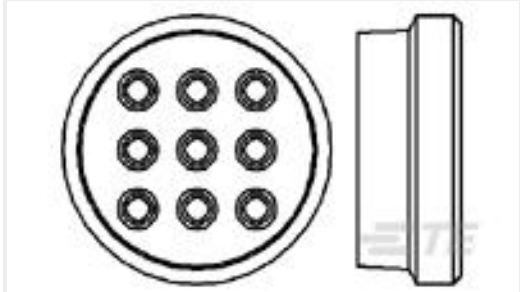
Customers Also Bought



TE Part #206151-1
23-37 RECEPT STD SEX



TE Part #213850-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #213925-1
CPC SEAL ASSY KIT,LH,SR 1,13-9



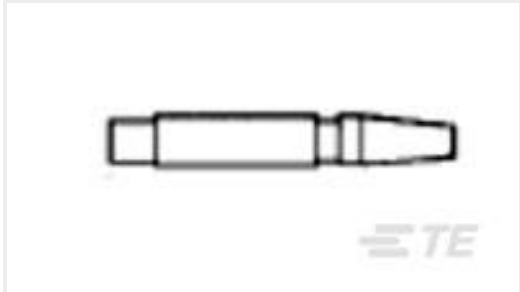
TE Part #206150-1
CPC PLUG ASSEMBLY SIZE 23-37



TE Part #213866-1
23-24 RCPT HSG,STD SEX,CPC



TE Part #213851-1
CPC PLUG ASSEMBLY SIZE 23-24



TE Part #206508-1
TYPE XII KEYING PLUG



TE Part #66109-3
III+ SKT,26-24,15AU/FL,LP



TE Part #91515-1
CCII TYPE III+ MNL PIN SKT 30-20 ASSY



TE Part #66601-2
III+ SKT,18-14,30AU/FL,LP

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 23-37

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_213848-1_C.2d_dxf.zip



English

Customer View Model

[ENG_CVM_213848-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213848-1_C.3d_stp.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_213848-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213848-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213848-1_B.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

Agency Approvals

[UL Report](#)

English