



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

TE Internal #: 213852-1

19 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Reverse Gender, Pin, AMP Circular Plastic Connectors

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Connectors > Power Connectors > Circular Power > Circular Power Connectors



Number of Positions: 19

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	19
Number of Power Positions	0
Number of Signal Positions	19

Electrical Characteristics

Operating Voltage	600 VAC
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Contact Features



Reverse Gender	Yes
Contact Type	Pin
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	Nylon 6/6 GF
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

Compatible With Agency/Standards Products	VDE
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	100
Packaging Method	Package

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	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 # 164159-3
M-SRS PIN ASSY 3+

TE Part # 66104-9
III+ SKT,24-20,30AU/FL,STRIP

TE Part # 200336-1
CONTACT PIN ASSY.

TE Part # 66107-4
III+ PIN,26-24,30AU/FL,LP

TE Part # 66180-1
III+ PIN,SOLDER,30AU,10AU FLASH,LP

TE Part # 66361-4
PIN ASSEMBLY, LOOSE PIECE, TYPE III+

TE Part # 2-66102-5
III+ PIN,24-20,TIN ,STRIP

TE Part # 212618-2
PIN CONT ASSY,SZ 16,TYPE II



TE Part # 207055-1
EXTENDER BACK SHELL



TE Part # 213812-1
COUPLING RING,SZ 23,CPC



TE Part # 213868-1
23-19 RCPT HSG,REV SEX,CPC



TE Part # 202507-1
CONTACT PIN ASSY.



TE Part # 1-66358-6
III+ SKT,18-14,TIN ,STRIP



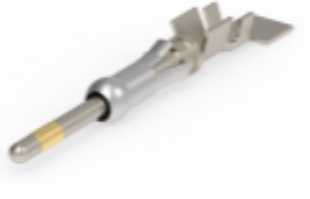
TE Part # 1-66107-1
III+ PIN,26-24,TIN,LP



TE Part # 1-66358-0
III+ SKT,18-14,30AU/FL,STRIP



TE Part # 1-66358-9
III+ SKT,18-14,30AU/FL,STRIP



TE Part # 1-66361-4
III+ PIN,18-14,30AU/FL,LP



TE Part # 1-66598-1
III+ SKT,18-14,30AU/FL,STRIP



TE Part # 1-66602-0
III+ PIN,18-14,TIN,LP



TE Part # 207774-4
CABLE CLAMP ASY,SZ 23,BULK PKG

Also in the Series | AMP Circular Plastic Connectors



Circular Power Connectors(211)



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Also in the Series | Circular Plastic Connectors Series 1



Circular Power Connectors(211)

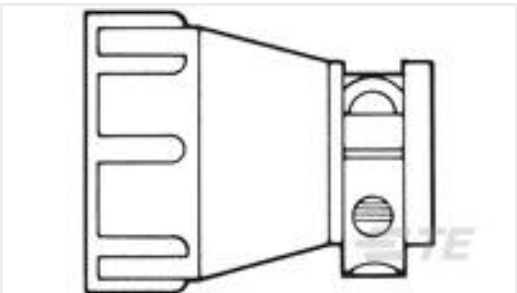


Connector Contacts(260)



Power Contacts(260)

Customers Also Bought



TE Part #206138-8
CLAMP CBL SHELL SIZE 23



TE Part #66105-2
III+ SKT,24-20,TIN-LEAD,LP



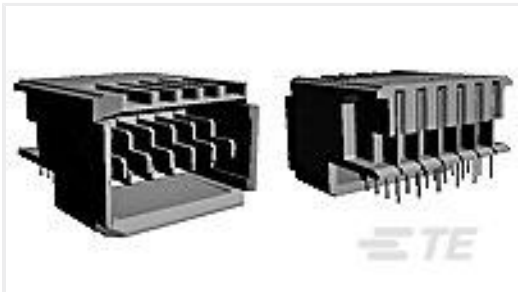
TE Part #464253-E
SRCA 1,27 10 F 1 IDC22 137 E1 094 1,27 T



TE Part #2112594-1
6POS,NANOMQS,REC HSG,ASSY, SEALED



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



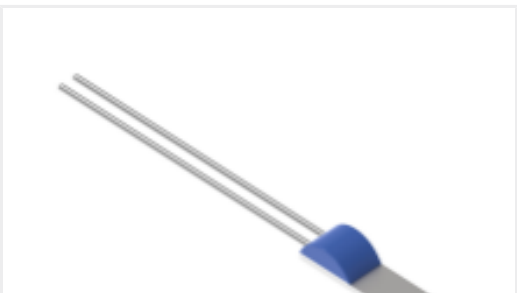
TE Part #120957-1
UPM EXPANDED PIN ASSEMBLY



TE Part #1241150-5
5P MOD II BREAK AWAY HDR , SMD, BLISTER



TE Part #6-534206-5
30 MODII VRT DR CE 100/115



TE Part #NB-PTCO-188
Pt100, 1.2x4.0, Class T, PTFM101T1A0



TE Part #66103-2
III+ PIN,24-20,TIN-LEAD,LP

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 23-19

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_213852-1_B.2d_dxf.zip



English

Customer View Model

[ENG_CVM_213852-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_213852-1_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