

TE Internal #: 213854-4
37 Position Circular Power Connector, Connector Assembly, 250 VDC, Wire-to-Board / Wire-to-Panel, Receptacle, Pin, Signal, Black, All Plastic, AMP CPC

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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: No

Features

Termination Features

Termination Method to PCB	Through Hole - Solder
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Packaging Features

Packaging Quantity	21
Packaging Method	Tray

Mechanical Attachment

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

Configuration Features

Number of Positions	37
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	No
Connector & Housing Type	Receptacle
Circular Connector Shell Type	All Plastic

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Reverse Gender	No
Contact Type	Pin

Housing Features

Housing Color	Black
Housing Material	PA 6.6
Circular Connector Shell Size	23

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241)
Candidate List Declared Against: JUNE 2024 (241)
Does not contain REACH SVHC

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 # 206150-1
CPC PLUG ASSEMBLY SIZE 23-37


Also in the Series | AMP CPC



Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Power Contacts(6)

Customers Also Bought



TE Part #86657-2
FFC RECPT CONTACT-L P



TE Part #178307-2
DYNAMIC D3100 HDR ASSY 16P



TE Part #1-207303-3
CPC RECPT ASSEMBLY SIZE 17-16



TE Part #213859-2
CPC RECPT ASSEMBLY SIZE 23-19



TE Part #2-794617-0
20POS,MICRO MNL,RCPT HSG



TE Part #5-794632-0
20P MICRO MNL ASSY,VRT,HDR,LF



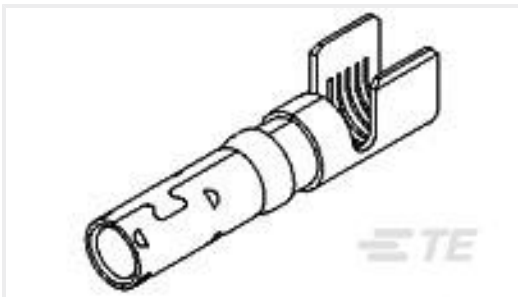
TE Part #1734366-2
Std USB Type A, VT, T/H, White



TE Part #2-66104-9
III+ SKT,24-20,TIN,STRIP



TE Part #1617147-1
JMGAP-12L = M39016/17-028L



TE Part #213847-3
POWERBAND CONT ASSY,SILVER PLT

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_213854-4_J.2d_dxf.zip
- English
- 3D PDF
- 3D
- Customer View Model
- ENG_CVM_CVM_213854-4_J.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_213854-4_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

Agency Approvals

[CSA Certificate](#)

English