213851-1 ✔ ACTIVE

AMP | AMP CPC

TE Internal #: 213851-1

Housing, 600 VDC, Wire-to-Wire, 24 Position, Wire & Cable, Plug, Socket, Power & Signal, Black, All Plastic, AMP CPC, Circular Power Connectors

View on TE.com >

Connectors > Power Connectors > Circular Power > Circular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Connector Product Type: **Housing**

Operating Voltage: **600 VDC**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	24
Number of Power Positions	0
Number of Signal Positions	24

Electrical Characteristics

Operating Voltage	600 VAC

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	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

UL Flammability Rating	UL 94V-0

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	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	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 # 91542-1
CCII TYPE III+ PIN SKT 24-22 ASSY



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



TE Part # 91519-1
CCII TYPE III+ PIN SKT 18-14 ASSY



TE Part # 91505-1
CCII TYPE III+ 24-16 ASSY



TE Part # 58495-1
PRO CRIMPER ASSY MULTIMATE



TE Part # 91523-1
CCII TYPE III+ PIN SKT 24-16 ASSY



TE Part # 91521-1
CCII TYPE III+ PIN SKT 18-14 ASSY



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



TE Part # 208680-1
SEALING CAP ASSY,SZ 23,CPC



TE Part # 207446-3
SEALING CAP ASSY,SZ 23,CPC



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



TE Part # 1546350-2
R/A CABLE CLAMP KIT,SZ 23,CPC



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



TE Part # 206512-6
LARGE CABLE CLAMP KIT,BULK PKG



TE Part # 206138-8
CLAMP CBL SHELL SIZE 23



TE Part # 201570-1
CONTACT PIN ASSY.



TE Part # 206512-5
CLAMP,CABLE SHELL,SIZE 23



TE Part # 193846-1
SKT ASSY.



TE Part # 81665-5
ECONOSEAL, FLANGE GASKET



TE Part # 66361-3
III+ PIN,18-14,15AU/FL,LP

Also in the Series | AMP CPC



Circular Power Connectors(423)



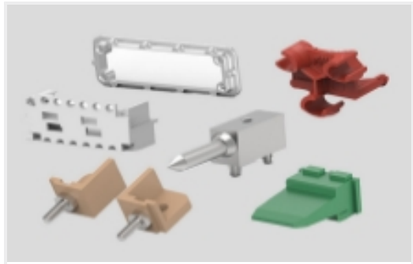
Connector Backshells(1)



Connector Caps & Covers(16)



Connector Contacts(6)



Connector Hardware(12)



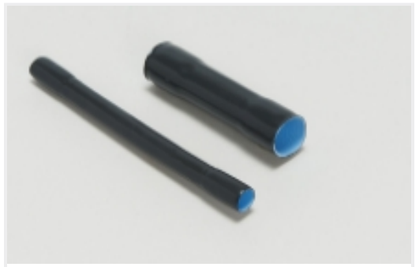
Connector Seals & Cavity Plugs(35)



Connector Strain Relief(60)



Insertion & Extraction Tools(1)



Sealing Sleeves(2)

Customers Also Bought



TE Part #211770-2
CPC PLUG ASSEMBLY SIZE 23-19



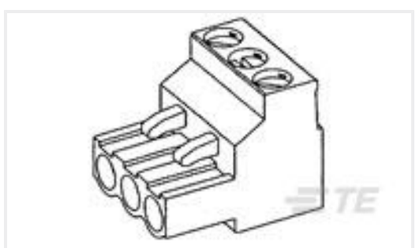
TE Part #213853-1
CPC PLUG ASSEMBLY SIZE 23-19



TE Part #206837-1
CPC PLUG ASSEMBLY SIZE 23-24



TE Part #770587-1
24P MINI UMNL PLUG HSG



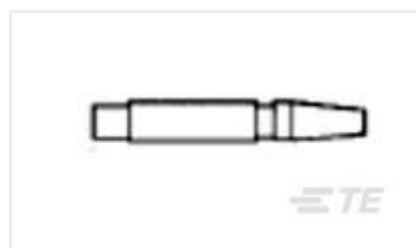
TE Part #796634-8
8 POS 5.08MM R/A PLUG,TRM BLK



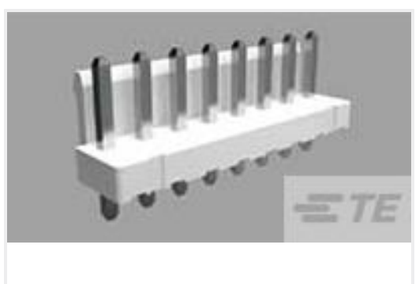
TE Part #5-103080-5
07 MODII HDR SRST SHRD .100CL



TE Part #1-66098-9
II+ PIN, 18-16,TIN STRIP



TE Part #206508-1
TYPE XII KEYING PLUG



TE Part #1744037-7
07P EC PWR.200 CL HDR ASSY VRT



TE Part #5-103080-6
08 MODII HDR SRST SHRD .100CL

Documents

Product Drawings

CPC PLUG ASSEMBLY SIZE 23-24

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_213851-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_213851-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_213851-1_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

AMP Circular Connectors for Commercial Signal & Power Applications

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English