206837-2 ✔ ACTIVE

AMP | AMP Circular Plastic Connectors

TE Internal #: 206837-2

24 Position Circular Power Connector, Housing, 600 VDC, Wire-to-Wire, Wire & Cable, Plug, Socket, Signal, Black, 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: **24**

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	Without
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 Current Rating (Max)	13 A
Contact Protection	With

Mechanical Attachment

Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Panel Mount Feature Type	Flange
Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	PA 6.6 GF
Circular Connector Shell Size	23

Dimensions

Compatible Insulation Diameter Range	3.81 mm[.15 in]

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

Packaging Features

Packaging Quantity	5
Packaging Method	Small Pack

Product Compliance

For compliance documentation, visit the product page on TE.com>

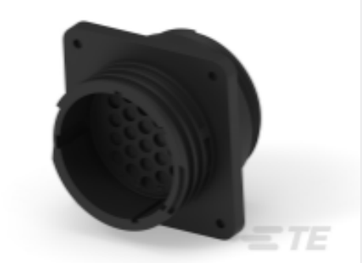
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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 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



TE Part # 211839-1
CPC RCPT SZ 23-24 W/THRD INSRT



TE Part # 1-796387-2
CPC PSTD RCPT,23-24,R/A LF



TE Part # 206838-3
CPC RECPT SEALED SIZE 23-24



TE Part # 206838-4
CPC RECPT SEALED SIZE 23-24



TE Part # 206838-1
23-24 RECEPT



TE Part # 206838-2
RECEPT,SZ 23,CPC

Also in the Series | AMP Circular Plastic Connectors



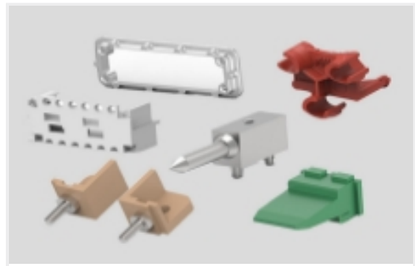
Circular Connector Backshells & Clamps(1)



Circular Power Connectors(423)



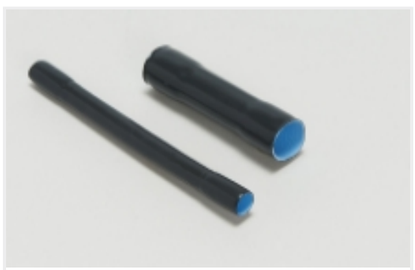
Connector Contacts(6)



Connector Hardware(10)



Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #822792-SF
RT8122-50-1M0



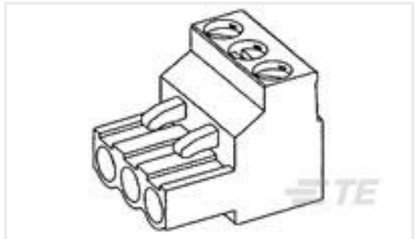
TE Part #810020-SF
FN2450B-10-61



TE Part #205838-1
CPC PLUG ASSEMBLY SIZE 11-8



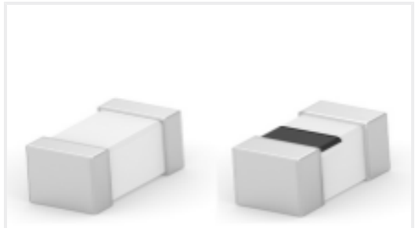
TE Part #206838-2
RECEPT,SZ 23,CPC



TE Part #282808-2
TERMI-BLOK PLUG STACKING 2P.10



TE Part #1-770834-1
MINI UMNL SOK PHBRZ AU LF



TE Part #CAT-LV2-3655
Automotive Grade Multilayer Chip SMD Inductors



TE Part #1-2176744-5
BMC-Q 0805 120R 25% Tol. High Current

Documents

Product Drawings

CPC PLUG,SZ 23-24,SMALL PACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_206837-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_206837-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_206837-2_H.3d_stp.zip

English

3D PDF

English

Customer View Model

ENG_CVM_206837-2_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_206837-2_G1.3d_igs.zip

English

Customer View Model

ENG_CVM_206837-2_G1.3d_stp.zip

English

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Agency Approvals

CSA Certificate

English

CSA Certificate

English