



Connectors > Power Connectors > Circular Power > Circular Power Connectors > CPC EMEA



Connector Product Type: **Housing**
Operating Voltage: **600 VDC**
Connector System: **Wire-to-Wire**
Number of Positions: **24**
Sealable: **No**

[All CPC EMEA \(21\)](#)

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

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Operating Voltage	600 VAC
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Contact Features

Reverse Gender	No
Contact Type	Socket
Contact Protection	With

Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Mating Retention Type	Threaded Coupling
Thread Size	1-3/8 - 18 UNEF-2A
Polarization Code	A
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With
Panel Mount Feature	Without

Housing Features

Body Orientation	Straight
Housing Color	Black
Housing Material	Polyamide 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

CSA Rating	Certified
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 183075-1
SQUARE FLG.23-24STD.SEX SRS 1



TE Part # 182652-1
23 SIZE CPC STD CLAMP

Also in the Series | AMP CPC



Circular Connector Adapters(7)



Circular Connector Hardware(3)



Circular Connector Keying Plugs(2)



Circular Power Connectors(458)



Connector Backshells(56)



Connector Caps & Covers(16)



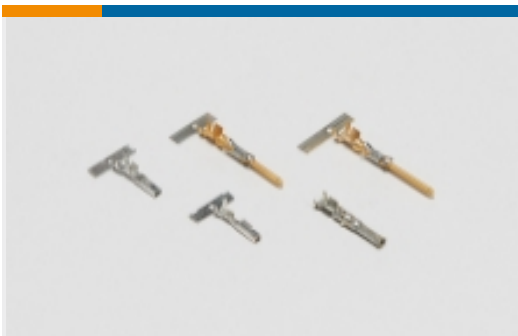
Connector Seals & Cavity Plugs(36)



Connector Strain Relief(6)



Insertion & Extraction Tools(1)

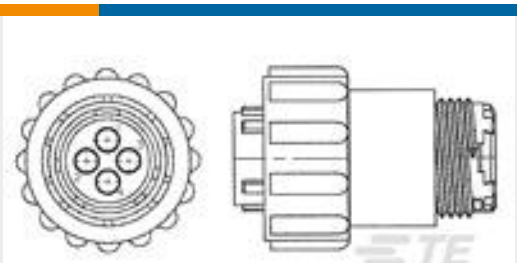


Power Contacts(6)



Sealing Sleeves(2)

Customers Also Bought



TE Part #796288-1
PLUG.ASSY,23-37STD SEX THRD AD



TE Part #1-2344491-1
KTHV-ST3652-CLAMP-551



TE Part #1SNS420001Z0676
VFR7420280000 REV.D



TE Part #1SNS420001Z0677
VFR7121270000 REV.B1



TE Part #1SNS420001Z2126
BFH7420370000 Rev.0 (BN3COV)



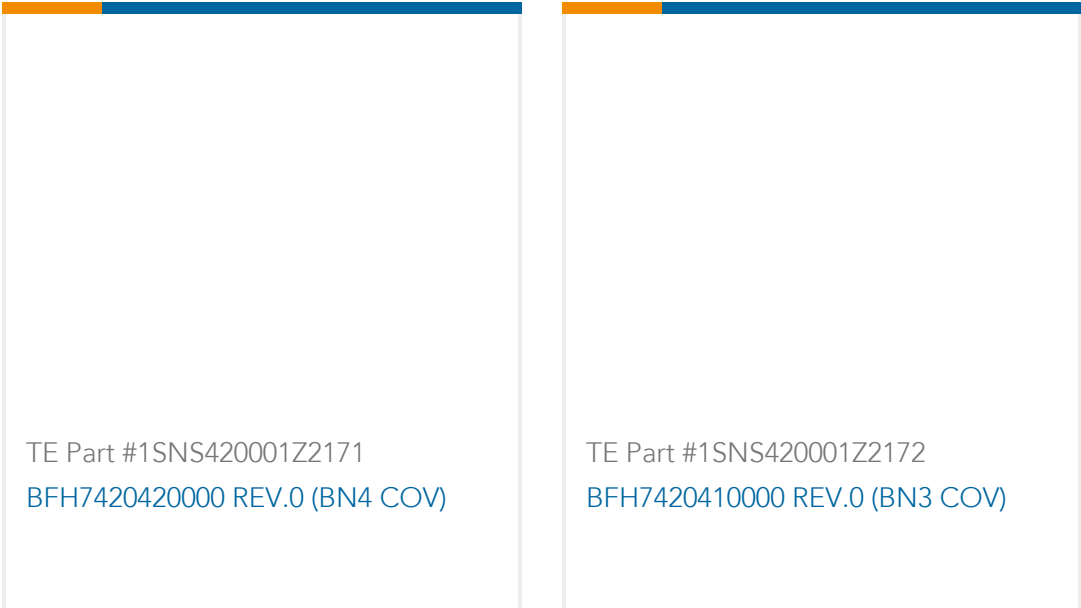
TE Part #1SNS420001Z2127
BFH7420380000 Rev.0 (BN4 COV)



TE Part #1SNS420001Z2140
BFH7420450000 Rev.0 (BN3 COV)



TE Part #1SNS420001Z2141
BFH7420600000-Rev.0 (BC1 FEM)



Documents

Product Drawings

PLUG ASS'Y 23-24STD.SEX SRS.

English

CAD Files

Customer View Model

ENG_CVM_183073-1_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_183073-1_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_183073-1_A1.3d_stp.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_183073-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_183073-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_183073-1_A.3d_stp.zip

English

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Product Environmental Compliance

Product Compliance

English

Product Compliance

English



[Agency Approvals](#)

[UL Report](#)

English