BSTA078NN00590235000 ✔ ACTIVE

TE Internal #: BSA078N00590235000

Standard Circular Connectors, Cable-to-Cable, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF, Size 23

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Connectors > Circular Connectors > Standard Circular Connectors







Connector System: **Cable-to-Cable**

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Sealable: **No**

Circuit Application: **Power & Signal**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

Product Type	Connector Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
Shell Type	Metal

Electrical Characteristics

Operating Voltage	630 VAC

Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT GF

Mechanical Attachment

Mating Retention Type	Screw

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	0°

Dimensions

Cable Diameter Range	14 - 17 mm[.55 - .67 in]

Usage Conditions

Operating Temperature Range	-20 - 130 °C[-4 - 266 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power & Signal
Shielded	Yes

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% in Component) **Article Safe Usage Statements:** Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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 # BEA120N00000200000
923 RECEPTACLE, SPEEDTEC-READY



TE Part # BKA199N00590200000
923 EXTENSION, SPEEDTEC-READY

TE Part # C0-0101-000-000
CRIMPING TOOL SMALL WITH POSITIONER

TE Part # C0-0201-000-000
CRIMPING TOOL MID-SIZE

TE Part # C0-0235-000-000
DIGITAL CRIMPING TOOL, SMALL

TE Part # C0-0236-000-000
DIGITAL CRIMPING TOOL, MID SIZE



TE Part # C0-0003-000-000
POSITIONING INSERT FOR 1 MM CONTACTS



TE Part # C0-0004-000-000
POSITIONING INSERT FOR 2 MM CONTACTS

Customers Also Bought



TE Part # 60-0011-011-000
CONTACT SOCKET 1 MM



TE Part # AGC052N00001215000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # AKA020M04610200000
623 EXTENSION, SPEEDTEC-READY



TE Part # BKA186N00550200000
923 EXTENSION, SPEEDTEC-READY



TE Part # BSA078N00080235000
923 PLUG



TE Part # BSA078N00420235000
923 PLUG



TE Part # BSA078N00480235000
923 PLUG



TE Part # BSA078N00550235000
923 PLUG



TE Part # BSA085N00590235000
923 PLUG



TE Part # CSA264N00450020000
940 PLUG, SPEEDTEC

Documents

Product Drawings

923 PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA078N00590235000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BSA078N00590235000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BSA078N00590235000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

BSA078N00590235000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German