

BSTA852NN0087201A000

✓ ACTIVE

TE Internal #: BSA852N0087201A000
Cable-to-Cable, Power, Cable Mount (Free-Hanging),
Electrodeposited Nickel, Zinc Alloy, PBT GF, 17 Shell Size,
Shielded, Plug, 0° Alignment Keyed
[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
Sealable: **No**
Circuit Application: **Power**
Connector Mounting Type: **Cable Mount (Free-Hanging)**
Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	630 VDC
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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
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Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Circular Connector Shell Size	17
Alignment Keyed	0°
Dimensions	
Cable Diameter Range	3.5 – 6 mm[.14 – .23 in]
Usage Conditions	
Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
Operation/Application	
Durability Rating	500 Cycles
Circuit Application	Power
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	Compliant with Exemptions
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) 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

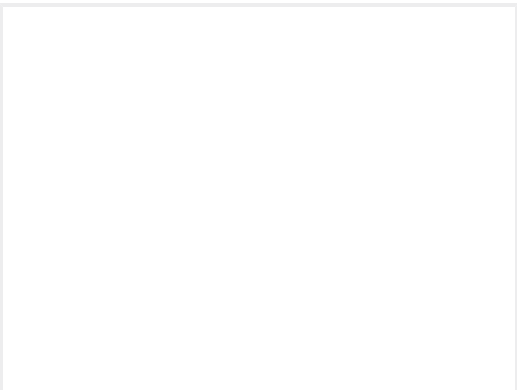
Product Compliance Disclaimer

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



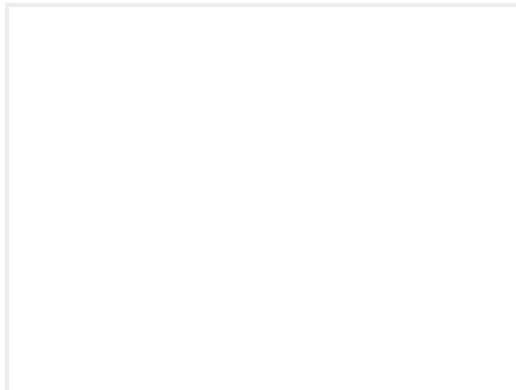
TE Part # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL



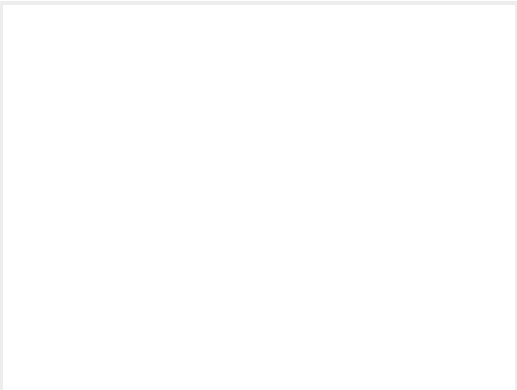
TE Part # BEA854N0000150A000
917 RECEPTACLE, SPEEDTEC-READY



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




TE Part # C0-0101-000-P00
CRIMPING TOOL SMALL WITH POSITIONER




TE Part # C0-0201-000-P00
CRIMPING TOOL MID-SIZE


Customers Also Bought




TE Part #BSA085N00590235000
923 PLUG




TE Part #60-0227-011-000
CONTACT SOCKET 3,6 MM




TE Part #60-0225-011-000
CONTACT SOCKET 3,6 MM




TE Part #CSA264N00440001000
940 PLUG




TE Part #ASA013N00610235000
623 PLUG



TE Part #CSA264N00450001000
940 PLUG



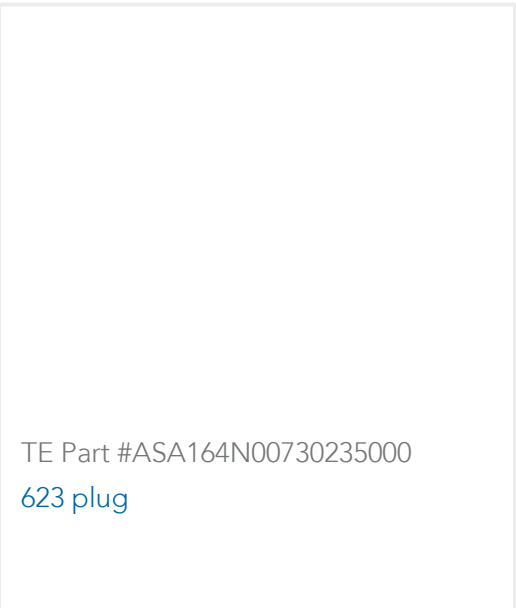
TE Part #ASA558N00610235000
623 PLUG



TE Part #AKA012N00390200000
623 EXTENSION, SPEEDTEC-READY



TE Part #AUA558N00580150000
623 PLUG, ANGLED



TE Part #ASA164N00730235000
623 plug

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_BSA852N0087201A000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_BSA852N0087201A000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_BSA852N0087201A000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

BSTA852NN0087201A000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German