

TE Internal #: BSA852N0087201A000

Cable-to-Cable, Power, Cable Mount (Free-Hanging),
Electrodeposited Nickel, Zinc Alloy, PBT GF, Shell Size 17,
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

Electrical Characteristics

Operating Voltage	630 VDC
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Industry Standards

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

Cable Diameter Range	3.5 – 6 mm [.14 – .23 in]
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Body Features

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

Mating Retention Type	Screw
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power
Shielded	Yes

Product Type Features

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

Housing Features

Circular Connector Shell Size	17
Alignment Keyed	0°

Usage Conditions

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

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.5% in Component) <small>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.</small>
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

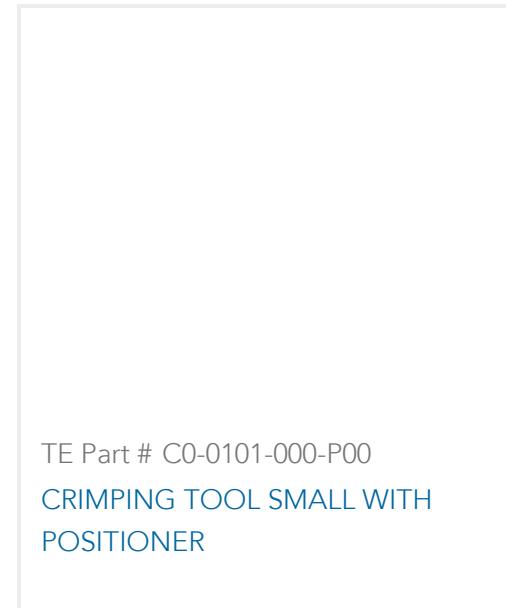
Product Compliance Disclaimer

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



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



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



TE Part # BEA854N0000150A000
917 RECEPTACLE, SPEEDTEC-READY



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

Customers Also Bought



TE Part #81665-3
ECONOSEAL, FLANGE GASKET



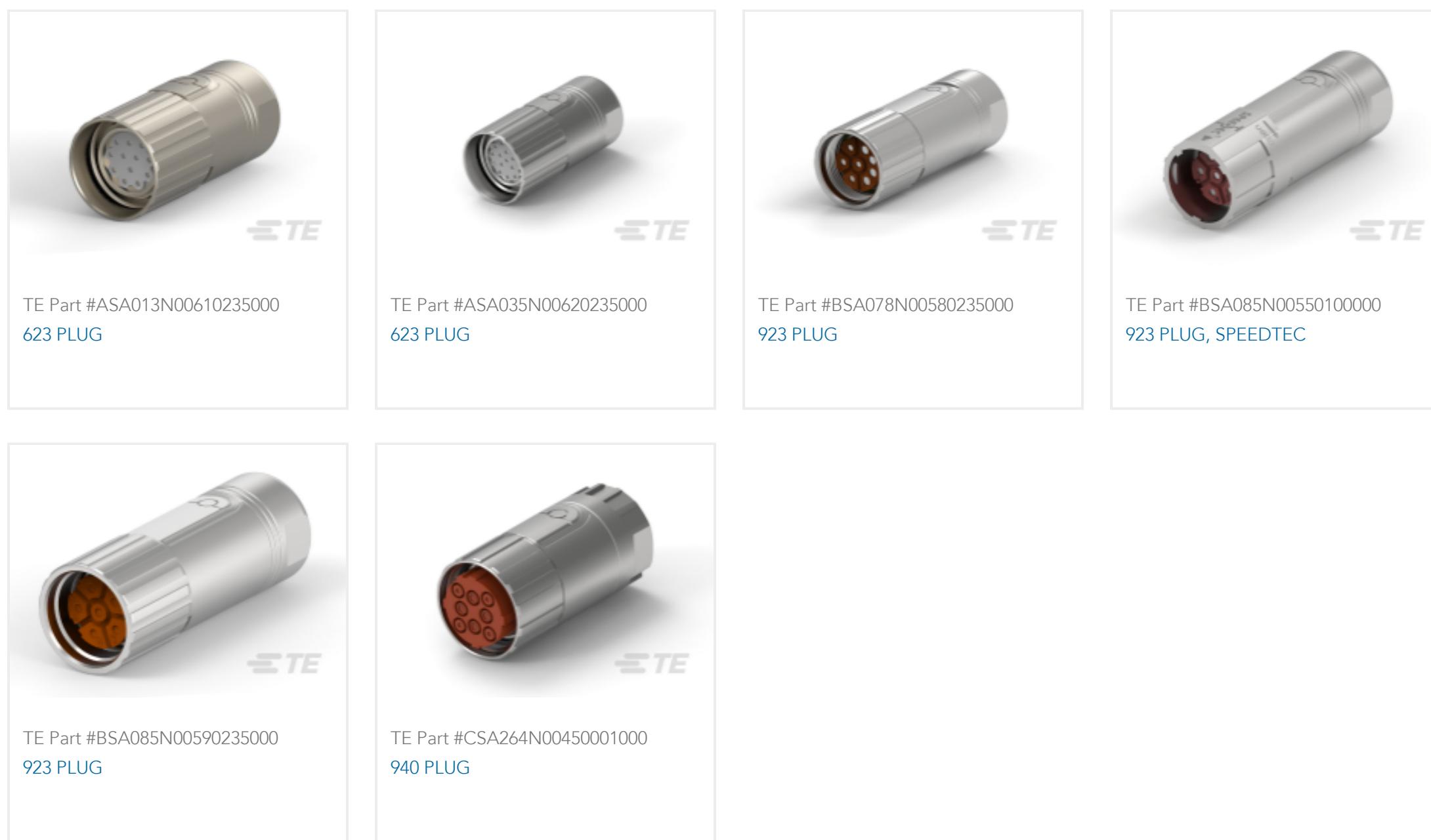
TE Part #CSA265N00440001000
940 PLUG



TE Part #3371890003
ES-CAP-NO.1-C1-0-35MM



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



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