



TE Internal #: BKA854N0087071A000

Standard Circular Connectors, Cable-to-Cable, Power, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT, Size 17, Shielded, Metal

[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

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

Electrical Characteristics

Operating Voltage	630 VAC
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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

Mechanical Attachment

Mating Retention Type	Speedtec (Triple Start Threaded)
Connector Mounting Type	Cable Mount (Free-Hanging)



Housing Features

Circular Connector Shell Size	17
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Dimensions

Cable Diameter Range	3.5 – 6 mm [.14 – .23 in]
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Usage Conditions

Operating Temperature Range	-20 – 130 °C [-4 – 266 °F]
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Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power
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Shielded	Yes
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Industry Standards

UL Flammability Rating	UL 94V-0
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Approved Standards	UL
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.5% in Component)
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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
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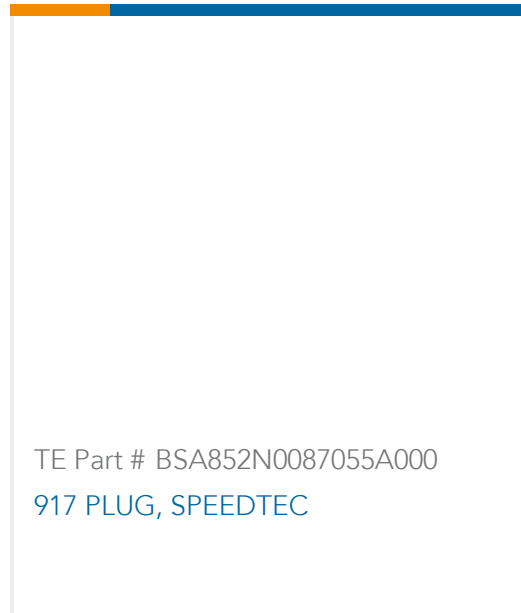
Solder Process Capability	Not reviewed for solder process capability
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Product Compliance Disclaimer

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 # BSA852N0087055A000
917 PLUG, SPEEDTEC



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



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

Customers Also Bought



TE Part #3371890001
ES-CAP-NO.1-C1-0-30MM



TE Part #2306454-3
SPRING FINGER 2.3H



TE Part #2306654-3
SPRING FINGER 1.8H



TE Part #EM7480-000
X2-1.5-0-SP-SM



TE Part #AEA052N00000201000
623 RECEPTACLE, SPEEDTEC-READY



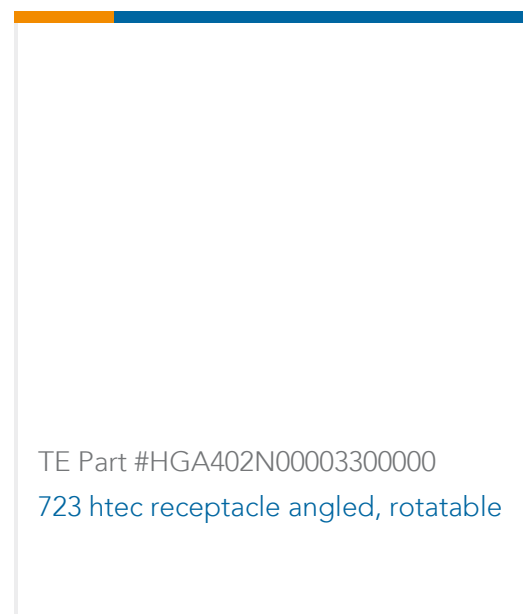
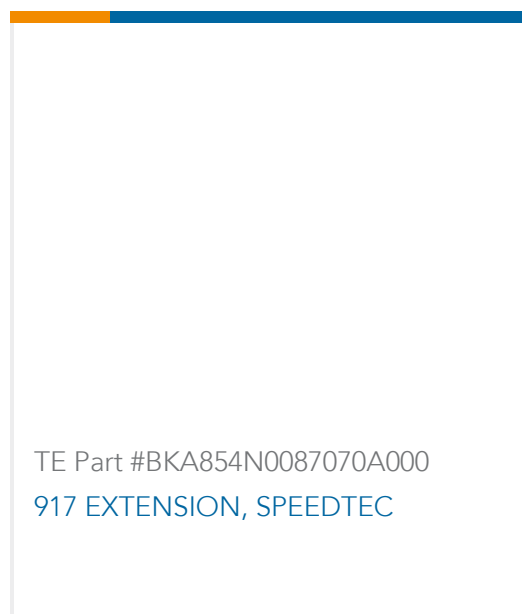
TE Part #AKA874N0085152A000
617 EXTENSION, SPEEDTEC-READY



TE Part #BKA908N0085159A000
917 EXTENSION, SPEEDTEC-READY



TE Part #CGE270N00000051000
940 RECEPTACLE ANGLED, ROTATABLE, SP-READY



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_BKA854N0087071A000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA854N0087071A000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_BKA854N0087071A000_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[BKUA854NN0087071A000](#)

English

fuer Datenblaetter, die online konfigurierbar sind

German

[917 Kupplung, speedtec Zentralbefestigung M20x1,5 fuer Schottwandstaerke max 13 mm BKUA854NN0087071A000](#)

German

Product Specifications

German