

TE Internal #: BKA854N0086155A000

Cable-to-Cable, Power, Cable Mount (Free-Hanging),
Electrodeposited Nickel, Zinc Alloy, PBT GF, Size 17, Shielded,
Standard Circular Connectors[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors

Connector System: **Cable-to-Cable**Connector Mounting Type: **Cable Mount (Free-Hanging)**Sealable: **No**Circuit Application: **Power**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 GF

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	17
Alignment Keyed	0°

Dimensions

Cable Diameter Range	9.5 – 12 mm [.37 – .47 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
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.5% in Component)
Halogen Content	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.
Solder Process Capability	Not Yet Reviewed for halogen content
	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



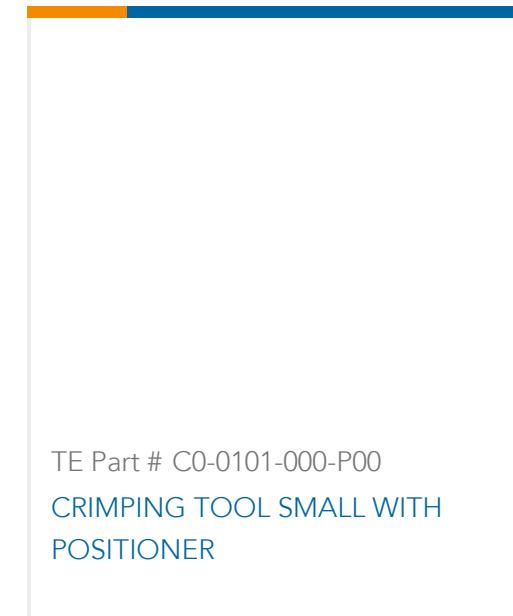
TE Part # BSA852N0085201A000
917 PLUG



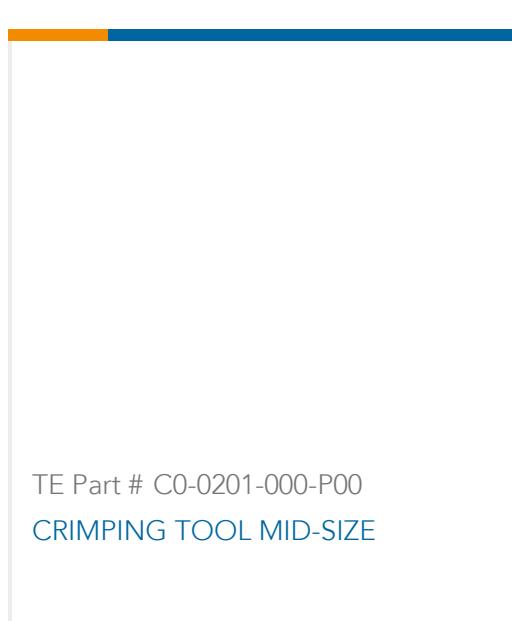
TE Part # C0-0003-000-000
POSITIONING INSERT FOR 1 MM
CONTACTS



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



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 #1586105-3
3P RCPT VAL-U-LOK SR V2



TE Part #ASA000N00410235000
623 PLUG



TE Part #ASB000N00410216000
623 PLUG



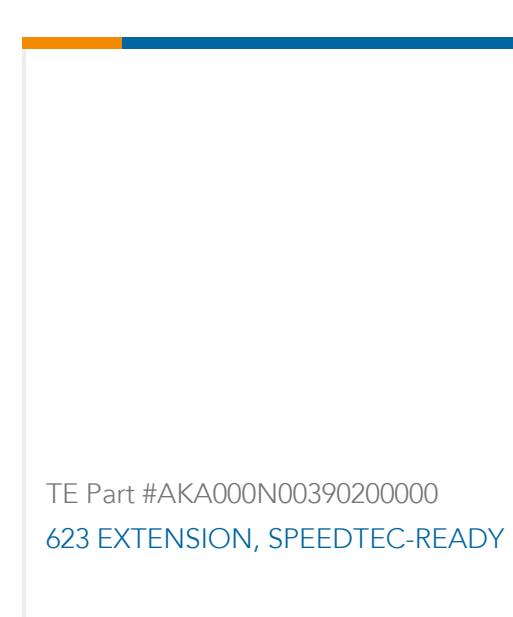
TE Part #BFC106N00000220000
923 RECEPTACLE, ANGLED



TE Part #CKA267N00450051000
940 EXTENSION, SPEEDTEC-READY



TE Part #ESB202N00330500000
915 PLUG



TE Part #AKA000N00390200000
623 EXTENSION, SPEEDTEC-READY



TE Part #AKA874N0086151A000
617 EXTENSION, SPEEDTEC-READY



Documents

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_BKA854N0086155A000_A.2d_dxf.zip](#)
English

Customer View Model

[ENG_CVM_CVM_BKA854N0086155A000_A.3d_igs.zip](#)
English

Customer View Model

[ENG_CVM_CVM_BKA854N0086155A000_A.3d_stp.zip](#)
English

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Datasheets & Catalog Pages

[BKUA854NN0086155A000](#)

English

[fuer Datenblaetter, die online konfigurierbar sind](#)

German

Product Specifications

German