

AKUA047NN0086051A000

✓ ACTIVE

TE Internal #: AKA047N0086051A000
Cable-to-Cable, 12 Position, Shell Size 17, Signal, Cable Mount
(Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF, 12
Signal Positions
[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Cable**
Connector Mounting Type: **Cable Mount (Free-Hanging)**
Number of Positions: **12**
Sealable: **No**
Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Signal Positions	12

Electrical Characteristics

Operating Voltage	32 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

Panel Mount Feature Type	Screw Mount
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	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	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	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) 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 # ASA046N0086050A000
617 PLUG, SPEEDTEC

Customers Also Bought

TE Part #PSA001N00480001000
923 SINGLETEC PLUG

TE Part #CSA264N00440020000
940 PLUG, SPEEDTEC

TE Part #CKA269N00440051000
940 EXTENSION, SPEEDTEC-READY

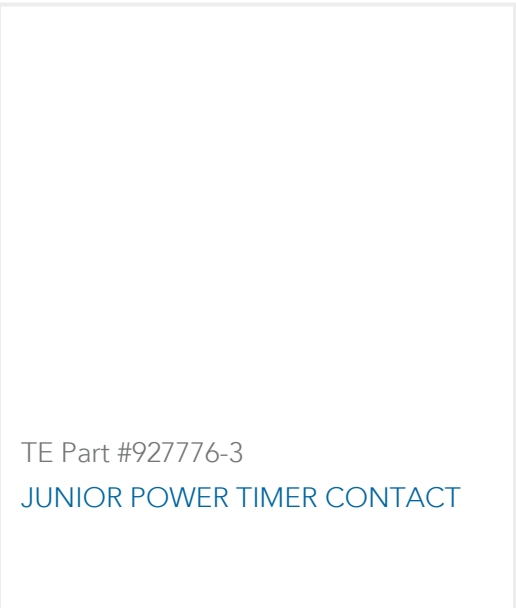
TE Part #BSA078N00590100000
923 PLUG, SPEEDTEC

TE Part #BSA082N00590100000
923 PLUG, SPEEDTEC

TE Part #CDA263N00000001000
940 BULKHEAD CONNECTOR

TE Part #ASA021N00390100000
623 PLUG, SPEEDTEC

TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AKA047N0086051A000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AKA047N0086051A000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_AKA047N0086051A000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

fuer Datenblaetter, die online konfigurierbar sind

German

AKA047N0086051A000

English