AKUA047NN0085051A000 ✔ ACTIVE

TE Internal #: AKA047N0085051A000

Standard Circular Connectors, Cable-to-Cable, 12 Position, Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PBT GF

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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

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 VAC

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)
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Circular Connector Shell Size	17

Dimensions

Cable Diameter Range	6 - 9.5 mm[.23 - .37 in]

Usage Conditions

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

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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3.5% in Component Part) **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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # ASA046N0085050A000
617 PLUG, SPEEDTEC

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

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

Customers Also Bought



TE Part # 61-0202-011-000
CONTACT PIN 3.6 MM



TE Part # AGC874N0000150A000
617 RECEPTACLE ANGLED ROTATABLE



TE Part # ASA874N0085050A000
617 PLUG, SPEEDTEC



TE Part # BSA085N00580235000
923 PLUG



TE Part # BSA108N00590236000
923 PLUG, SHORT

TE Part # N1-0020-000-000
623 distance sleeve

TE Part # 60-0192-023-004
contact socket 8 mm



TE Part # AFC110N00000214000
623 RECEPTACLE, ANGLED



TE Part # ASA385N0042001K000

627 PLUG, 26-PIN



TE Part # BSA601N0086127A000

917 plug, speedtec

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AKA047N0085051A000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AKA047N0085051A000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_AKA047N0085051A000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

617 EXTENSION AKUA047NN0085051A000

English

AKA047N0085051A000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German