# AEDC047NN0000051A000 ✔ ACTIVE

TE Internal #: AGC047N0000051A000

Standard Circular Connectors, Cable-to-Panel, Signal, Panel Mount, Blue Chromium, Zinc Alloy, PBT GF, Size 23, Shielded, Receptacle

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







Connector System: **Cable-to-Panel**

Connector Mounting Type: **Panel Mount**

Sealable: **No**

Circuit Application: **Signal**

Shell Plating Material: **Blue Chromium**

## Features

### Product Type Features

| | |
|---|---|
| Product Type | Connector Assembly |
| Connector System | Cable-to-Panel |
| Sealable | No |
| Circular Connector Type | Receptacle |
| Shell Type | Metal |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 32 VAC |

### Body Features

| | |
|---|---|
| Environmental Protection | IP67 |
| Shell Plating Material | Blue Chromium |
| 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 | Flange with Mounting Holes |

| | |
|---|---|
| Connector Mounting Type | Panel Mount |

### Housing Features

| | |
|---|---|
| Circular Connector Shell Size | 23 |
| Alignment Keyed | Uncoded |

### 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 |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| 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 # 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 # 61-0039-011-000
CONTACT PIN 3.6 MM



TE Part # 61-0083-011-000
CONTACT PIN 1 MM



TE Part # 61-0178-011-000
CONTACT PIN 0.6 MM



TE Part # AGC000N00001215000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # AGC114N00001215000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # ASA046N0085050A000
617 PLUG, SPEEDTEC



TE Part # BFC106N00000207000
923 RECEPTACLE, ANGLED



TE Part # BSA085N00480100000
923 PLUG, SPEEDTEC



TE Part # 8A-0002-000-000
623/923 PLASTIC CAP



TE Part # AKA034N00090200000
623 EXTENSION, SPEEDTEC-READY

## Documents

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_CVM_AGC047N0000051A000_A.2d_dxf.zip

English

## Customer View Model

ENG_CVM_CVM_AGC047N0000051A000_A.3d_igs.zip

English

## Customer View Model

ENG_CVM_CVM_AGC047N0000051A000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

## Datasheets & Catalog Pages

AGC047N0000051A000

English

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German

fuer Datenblaetter, die online konfigurierbar sind

German

## Product Specifications

German