



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **17**

Sealable: **No**

Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

|                            |    |
|----------------------------|----|
| Number of Positions        | 17 |
| Number of Signal Positions | 17 |

Electrical Characteristics

|                   |        |
|-------------------|--------|
| Operating Voltage | 63 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 | Flange with Mounting Holes       |
| Connector Mounting Type  | Panel Mount                      |

Housing Features

|                               |    |
|-------------------------------|----|
| Circular Connector Shell Size | 17 |
|-------------------------------|----|

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2023 (235)<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 # ASA876N0086050A000  
617 PLUG, SPEEDTEC

Customers Also Bought

TE Part #AEA052N00000201000  
623 RECEPTACLE, SPEEDTEC-READY

TE Part #AEA110N00000201000  
623 RECEPTACLE, SPEEDTEC-READY

TE Part #ASA021F01620100000  
623 PLUG, SPEEDTEC

TE Part #ASA876N0085050A000  
617 PLUG, SPEEDTEC

TE Part #ASA876N0086050A000  
617 PLUG, SPEEDTEC

TE Part #AEA378N00000101000  
623 RECEPTACLE, SPEEDTEC

TE Part #BEA906N0000050A000  
917 RECEPTACLE, SPEEDTEC

TE Part #BGA906N0000051A000  
917 RECEPTACLE, ANGLED, ROTATABLE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_AEA874N0000050A000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_AEA874N0000050A000\_A.3d\_igs.zip

English

AEA874NN0000050A000

Cable-to-Panel, 17 Position, Signal, Panel Mount, Electrodeposited Nickel, Zinc Alloy,  
PBT GF, 17 Signal Positions, Standard Circular Connectors



Customer View Model

[ENG\\_CVM\\_CVM\\_AEA874N0000050A000\\_A.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

[AEA874N0000050A000](#)

English

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

German