

**AEDC052NN00001200000****✓ ACTIVE**

TE Internal #: AGC052N00001200000

Standard Circular Connectors, Cable-to-Panel, Signal, Panel Mount,  
Blue Chromium, Zinc Alloy, PBT, Size 23, Shielded, Receptacle[View on TE.com >](#)

Connectors &gt; Circular Connectors &gt; 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	160 VAC
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### Body Features

Environmental Protection	IP67
Shell Plating Material	Blue Chromium
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT

### 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](http://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 &gt; 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

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

## Product Compliance Disclaimer

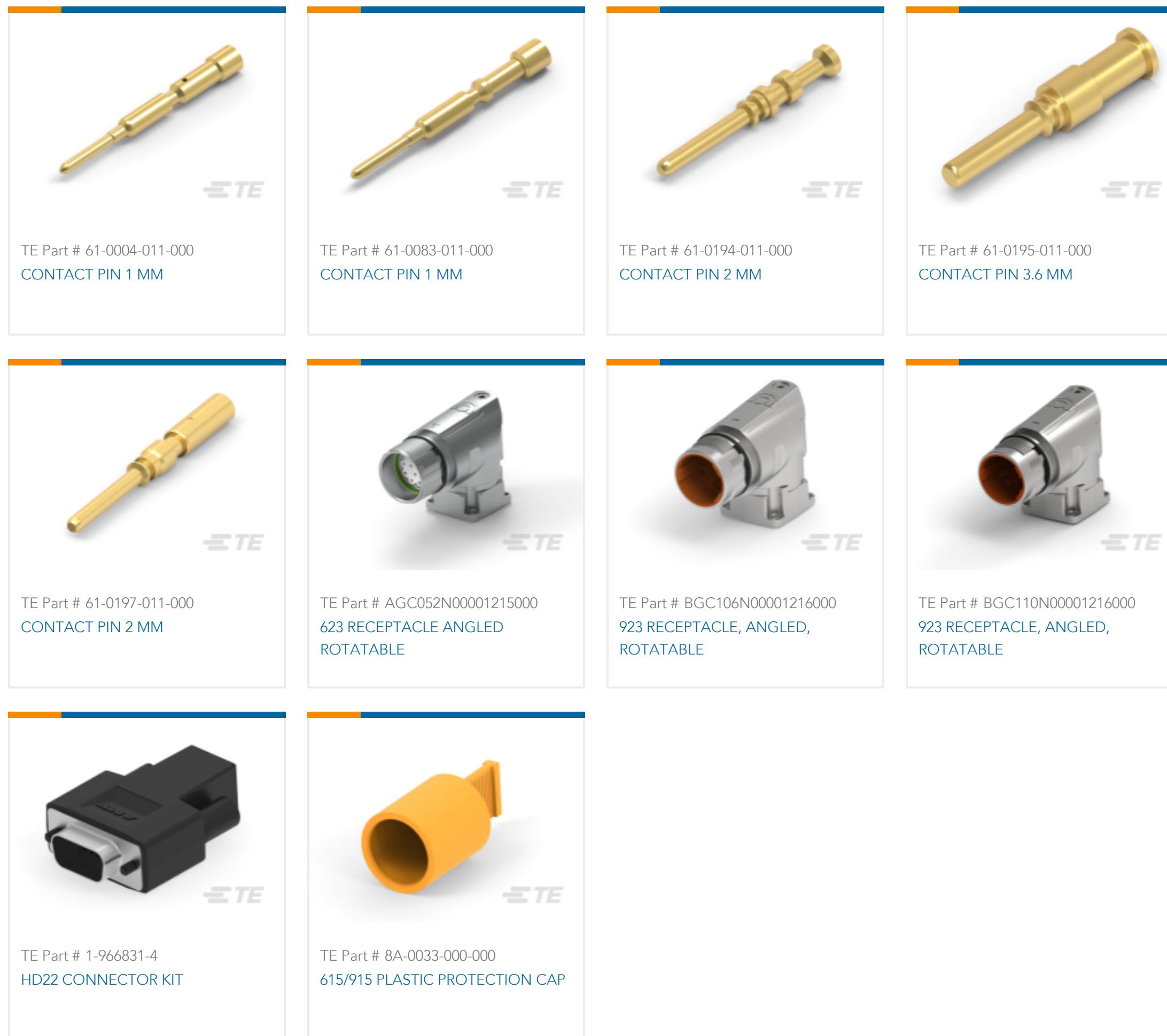
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



## Customers Also Bought



## Documents

### CAD Files

[3D PDF](#)

3D

**Customer View Model**

[ENG\\_CVM\\_CVM\\_AGC052N00001200000\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_AGC052N00001200000\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_AGC052N00001200000\\_A.3d\\_stp.zip](#)

English

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

**Datasheets & Catalog Pages**

[AGC052N00001200000](#)

English

[623 Receptacle AEDC052NN00001200000](#)

English

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

German

**Product Specifications**

German