



Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **12**

Sealable: **No**

Circuit Application: **Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Power Positions	0
Number of Signal Positions	12
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	160 VAC
-------------------	---------

Body Features

Environmental Protection Type	Sealed
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	Screw
Mating Alignment	With
Panel Mount Feature	With
Panel Mount Feature Type	Flange with Mounting Holes
Connector Mounting Type	Panel Mount
Mating Retention	With

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Uncoded

Usage Conditions

IP Water Sealing Level	IP67
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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold:



Pb (3.5% in Compoment 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

 TE Part # ASA021N00100235000 623 PLUG	 TE Part # ASA021N00120235000 623 PLUG	 TE Part # ASA021N00210235000 623 PLUG	 TE Part # ASA021N00400100000 623 PLUG, SPEEDTEC
 TE Part # ASA021N00400235000 623 PLUG	 TE Part # ASA021N00410235000 623 PLUG	 TE Part # ASA021N00600235000 623 PLUG	 TE Part # ASA021N00620100000 623 PLUG, SPEEDTEC
 TE Part # ASA021N00690235000 623 PLUG	 TE Part # ASA021N00700100000 623 PLUG, SPEEDTEC	 TE Part # ASA021N00730235000 623 PLUG	TE Part # C0-0101-000-P00 CRIMPING TOOL SMALL WITH POSITIONER



TE Part # C0-0235-000-P00
DIGITAL CRIMPING TOOL, SMALL

Customers Also Bought

TE Part #AGC114N00001215000
623 RECEPTACLE ANGLED
ROTATABLE

TE Part #AGC139N00001215000
623 RECEPTACLE ANGLED
ROTATABLE

TE Part #AEA052N00000201000
623 RECEPTACLE, SPEEDTEC-READY

TE Part #BGC110N00001216000
923 RECEPTACLE, ANGLED,
ROTATABLE

TE Part #BEA116N00000200000
923 RECEPTACLE, SPEEDTEC-READY

TE Part #BEA144N00000201000
923 RECEPTACLE, SPEEDTEC-READY

TE Part #61-0004-011-P00
CONTACT PIN 1 MM

TE Part #31-0022-001-000
counter nut M20 x 1.5

TE Part #AFC086N00001208000
623 receptacle, angled

TE Part #CGA271N00000051000
940 RECEPTACLE ANGLED,
ROTATABLE,SP-READY

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AGC052N00001215000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AGC052N00001215000_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_AGC052N00001215000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[AGC052N00001215000](#)

English

[623 Receptacle Angled AGC052N00001215000](#)

English

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

German

Product Specifications

German