



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	Housing Assembly
Connector System	Cable-to-Cable
Sealable	No
Circular Connector Type	Plug
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
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Body Features

Environmental Protection Type	Sealed
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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	Screw
Mating Alignment	With
Panel Mount Feature Type	Screw Mount
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention	With

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Uncoded

Dimensions

Cable Diameter Range	6 – 10 mm [.23 – .39 in]
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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: JAN 2024
(240)
SVHC > Threshold:
Pb (3.5% in Component)

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 # AGC052N00001200000 623 RECEPTACLE ANGLED ROTATABLE	 TE Part # AGC052N00001215000 623 RECEPTACLE ANGLED ROTATABLE	 TE Part # AGC052N00001415000 623 RECEPTACLE ANGLED ROTATABLE	 TE Part # AEA052N00000201000 623 RECEPTACLE, SPEEDTEC-READY
 TE Part # AEA052N00000203000 623 RECEPTACLE, SPEEDTEC-READY	 TE Part # AFC052N00001214000 623 RECEPTACLE, ANGLED	 TE Part # AKA020N00410200000 623 EXTENSION, SPEEDTEC-READY	 TE Part # AKA020N00410240000 623 EXTENSION, SPEEDTEC-READY





TE Part # C0-0003-000-000
POSITIONING INSERT FOR 1 MM CONTACTS

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

TE Part # C0-0101-000-P00
CRIMPING TOOL SMALL WITH POSITIONER

TE Part # C0-0201-000-P00
CRIMPING TOOL MID-SIZE

Customers Also Bought



TE Part #AKA020N00410200000
623 EXTENSION, SPEEDTEC-READY



TE Part #AKA034N00400200000
623 EXTENSION, SPEEDTEC-READY



TE Part #ASA035N00400100000
623 PLUG, SPEEDTEC



TE Part #ASA035N00400235000
623 PLUG



TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC



TE Part #BSA085N00420100000
923 PLUG, SPEEDTEC



TE Part #BSA085N00420235000
923 PLUG



TE Part #CKA267M48440051000
940 EXTENSION, SPEEDTEC-READY



TE Part #CSA263F52440020000
940 PLUG, SPEEDTEC



TE Part #CSA264F48440001000
940 PLUG

Documents

Product Drawings

623 PLUG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_ASA021N00410235000_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_ASA021N00410235000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_ASA021N00410235000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ASA021N00410235000](#)

English

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

German

Product Specifications

German