



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: Cable-to-Panel

Sealable: No

Circuit Application: Signal

Connector Mounting Type: Panel Mount

Shell Plating Material: Electrodeposited Nickel

Features

Electrical Characteristics

Operating Voltage	160 VDC
-------------------	---------

Industry Standards

UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL

Body Features

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy
Circular Connector Insulation Material Type	PBT

Mechanical Attachment

Panel Mount Feature Type	Flange with Mounting Holes
Mating Retention Type	Speedtec (Triple Start Threaded)
Connector Mounting Type	Panel Mount

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal
Shielded	Yes

Product Type Features

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

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Uncoded

Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
-----------------------------	---------------------------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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) Candidate List Declared Against: JUNE 2024 (241) 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 # C0-0101-000-P00
CRIMPING TOOL SMALL WITH POSITIONER

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

TE Part # ASA021N00410235000
623 PLUG

Customers Also Bought

TE Part #6609021-5
3VB1=F7124 S0

TE Part #1-406541-1
MJ,INV,1X1,6PNL G, .100"ST,SN

TE Part #36964
SPLICE,CE 22-14

TE Part #BKA186N00420200000
923 EXTENSION, SPEEDTEC-READY

TE Part #2058299-2
WTB HOUSING, 4 POS, NATURAL

TE Part #2058302-2
Socket Contact, Loose Piece

TE Part #1622851-1
CRG0603 1% 150K

TE Part #T4111001081-000
M12,MALE,STRAIGHT,A CODE,8P, PG7,GOLD

TE Part #1534807-1
HD20 COVER KIT 15P

TE Part #AKA013N00410200000
623 EXTENSION, SPEEDTEC-READY

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_AEA052N00000203000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_AEA052N00000203000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_AEA052N00000203000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

AEA052N00000203000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German