CEDE270NN00000051000 ✔ ACTIVE

TE Internal #: CGE270N00000051000

Standard Circular Connectors, Cable-to-Panel, 6 Position, Power & Signal, Panel Mount, Electrodeposited Nickel, Zinc Alloy, PBT GF, 4 Power Positions

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors






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

Connector Mounting Type: **Panel Mount**

Number of Positions: **6**

Sealable: **No**

Circuit Application: **Power & 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	6
Number of Power Positions	4
Number of Signal Positions	2
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	250 VAC, 630 VAC

Body Features

Environmental Protection Type	Sealed

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)
Flange	With
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	40
Alignment Keyed	0°

Usage Conditions

IP Water Sealing Level	IP67
Operating Temperature Range	-20 - 130 °C[-4 - 266 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power & 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: JAN 2024 (240)

	Candidate List Declared Against: JUNE 2023 (235) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # CSA263N00440001000
940 PLUG

TE Part # C0-0008-000-000
CRIMPING TOOL LARGE

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

TE Part # C0-0236-000-000
DIGITAL CRIMPING TOOL, MID SIZE

TE Part # C0-0313-000-000
CRIMPING DEVICE HC20 IN CASE



TE Part # C0-0009-000-000
POSITIONING INSERT FOR 2 MM CONTACTS



TE Part # C0-0247-000-000
POSITIONING INSERT FOR 3.6 MM CONTACTS

Customers Also Bought



TE Part # AGC139N00001215000
623 RECEPTACLE ANGLED ROTATABLE



TE Part # AEA139M04000201000
623 RECEPTACLE, SPEEDTEC-READY



TE Part # CGE271N00000051000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part # CGE271N00000091000
940 RECEPTACLE ANGLED, ROTATABLE,SP-READY



TE Part # CSA263N00250001000
940 PLUG



TE Part # 61-0195-011-P00
CONTACT PIN 3.6 MM



TE Part # 60-0254-011-P00
CONTACT SOCKET 2 MM



TE Part # 60-0302-011-P00
CONTACT SOCKET 2 MM



TE Part # 61-0198-011-P00
CONTACT PIN 2 MM



TE Part # 61-0216-011-P00
CONTACT PIN 2 MM

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_CGE270N00000051000_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CGE270N00000051000_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_CGE270N00000051000_A1.3d_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

CGE270N00000051000

English

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German