



TE Internal #: CEA271N00000051000

Cable-to-Panel, Circular Connector Receptacle, 8 Position, Shell Size 40, Power & Signal, Panel Mount, Electrodeposited Nickel, Zinc Alloy, PBT GF

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **8**

Sealable: **No**

Circuit Application: **Power & Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	8
Number of Power Positions	4
Number of Signal Positions	4
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	250 VDC, 630 VDC
-------------------	------------------

Body Features

Environmental Protection	IP67
--------------------------	------



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

Mechanical Attachment

Panel Mount Feature	With
Mating Retention Type	Speedtec (Triple Start Threaded)
Panel Mount Feature Type	Flange with Mounting Holes
Mating Alignment	With
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	有害物质含量超出标准 Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)



Candidate List Declared Against: JAN 2025
(247)
SVHC > Threshold:
Pb (3.5% in Contained In (1))

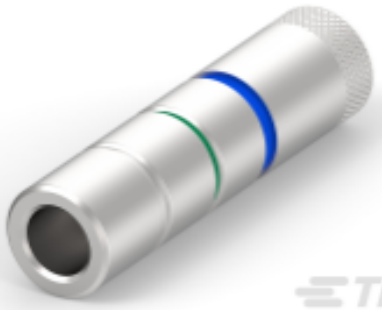
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

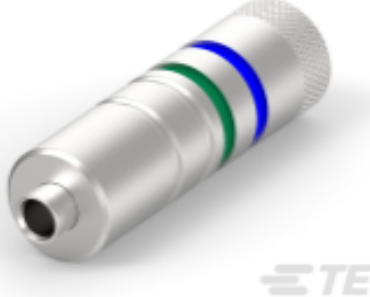
 TE Part # C0-0010-000-000 POSITIONING INSERT FOR 3.6 MM CONTACTS	 TE Part # C0-0313-000-P00 CRIMPING DEVICE HC20 IN CASE	 TE Part # C0-0201-000-P00 CRIMPING TOOL MID-SIZE	 TE Part # C0-0247-000-000 POSITIONING INSERT FOR 3.6 MM CONTACTS
 TE Part # CSA264N00250001000 940 PLUG	 TE Part # CSA264N00440001000 940 PLUG	 TE Part # C0-0008-000-P00 CRIMPING TOOL LARGE	 TE Part # C0-0009-000-000 POSITIONING INSERT FOR 2 MM CONTACTS





TE Part # CSA264N00450001000
940 PLUG

TE Part # C0-0236-000-P00
DIGITAL CRIMPING TOOL, MID SIZE



TE Part # C0-0004-000-000
POSITIONING INSERT FOR 2 MM CONTACTS

Customers Also Bought



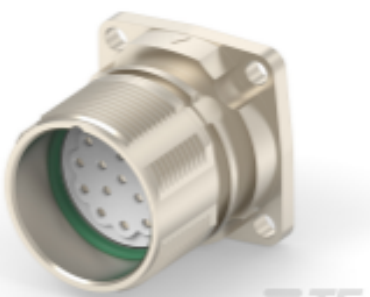
TE Part #AGC000N00001115000
623 RECEPTACLE ANGLED
ROTATABLE



TE Part #AGC000N00001215000
623 RECEPTACLE ANGLED
ROTATABLE



TE Part #BGC106N00001116000
923 RECEPTACLE, ANGLED,
ROTATABLE



TE Part #AEA000N00000101000
623 RECEPTACLE, SPEEDTEC



TE Part #CGE270N00000020000
940 RECEPTACLE ANGLED,
ROTATABLE,SPEEDTEC



TE Part #BEA878N0000150A000
917 RECEPTACLE, SPEEDTEC-READY



TE Part #AEA874N0000150A000
617 RECEPTACLE, SPEEDTEC-READY



TE Part #CDA263N00000001000
940 BULKHEAD CONNECTOR



TE Part #CEA270N00000030000
940 RECEPTACLE, SPEEDTEC

TE Part #7-1414988-9
RESOLVER V23401-D1601-B702

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_CEA271N00000051000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_CEA271N00000051000_A.3d_igs.zip

English



Customer View Model

[ENG_CVM_CVM_CEA271N00000051000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

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

German

[CEA271N00000051000](#)

English

Product Specifications

German