



TE Internal #: EEA001N00000001000

Standard Circular Connectors, Cable-to-Panel, 12 Position, Signal, Panel Mount, Electrodeposited Nickel, Zinc Alloy, PA, 12 Signal Positions, Size 15

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**  
 Number of Positions: **12**  
 Sealable: **No**  
 Circuit Application: **Signal**  
 Connector Mounting Type: **Panel Mount**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	12
Number of Signal Positions	12

**Electrical Characteristics**

Operating Voltage	63 VAC
-------------------	--------

**Body Features**

Environmental Protection	IP67
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Zinc Alloy



Circular Connector Insulation Material Type	PA
---	----

### Contact Features

Circular Connector Contact Type	Pin
---------------------------------	-----

### Mechanical Attachment

Mating Retention Type	Push-Pull Self-Locking
-----------------------	------------------------

Panel Mount Feature Type	Flange with Mounting Holes
--------------------------	----------------------------

Connector Mounting Type	Panel Mount
-------------------------	-------------

### Housing Features

Circular Connector Shell Size	15
-------------------------------	----

### Usage Conditions

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
------------------------	----------

Approved Standards	UL
--------------------	----

### 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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
--	--

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
---------------------------	--

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



## Customers Also Bought



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_EEA001N00000001000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_EEA001N00000001000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_EEA001N00000001000\\_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

[EEA001N00000001000](#)

English

EEGA001NN00000001000

Standard Circular Connectors, Cable-to-Panel, 12 Position, Signal, Panel Mount,  
Electrodeposited Nickel, Zinc Alloy, PA, 12 Signal Positions, Size 15

