



TE Internal #: EGA103N00000001000  
Cable-to-Panel, 24 Position, Power / Power & Signal / Signal, Panel  
Mount, Electrodeposited Nickel, Zinc Alloy, PBT+PA, Standard  
Circular Connectors  
[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Cable-to-Panel**  
Connector Mounting Type: **Panel Mount**  
Number of Positions: **24**  
Sealable: **No**  
Circuit Application: **Power, Power & Signal, 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        | 24    |
| Number of Power Positions  | 7, 17 |
| Number of Signal Positions | 7, 17 |
| Contacts Preloaded         | No    |

Electrical Characteristics

|                   |                 |
|-------------------|-----------------|
| Operating Voltage | 63 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+PA                  |

Mechanical Attachment

|                          |                            |
|--------------------------|----------------------------|
| Mating Retention Type    | Push-Pull Self-Locking     |
| 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 | 15 |
|-------------------------------|----|

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, Power & Signal, 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                                    |
| 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: JAN 2024  
(240)  
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 # ESA202N00330500000  
915 PLUG



TE Part # ESA205N00330003000  
915 PLUG




TE Part # C0-0258-000-000  
POSITIONING INSERT FOR 1 MM  
CONTACTS

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


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

Customers Also Bought







TE Part #60-0225-011-000  
CONTACT SOCKET 3,6 MM




TE Part #AGC139N00001215000  
623 RECEPTACLE ANGLED  
ROTATABLE




TE Part #BGC110N00001216000  
923 RECEPTACLE, ANGLED,  
ROTATABLE




TE Part #BGC854N0000052A000  
917 RECEPTACLE, ANGLED,  
ROTATABLE




TE Part #BKA199N00110200000  
923 EXTENSION, SPEEDTEC-READY




TE Part #BSA861N0085201A000  
917 PLUG




TE Part #CSA264N00250001000  
940 PLUG



TE Part #EGA101N00000001000  
615/915 YTEC RECEPTACLE, ANGLED



TE Part #61-0193-011-P00  
CONTACT PIN 2 MM



TE Part #61-0004-011-P00  
CONTACT PIN 1 MM

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_EGA103N00000001000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_EGA103N00000001000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_EGA103N00000001000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

615/915 ytec Winkleinbaudose 12+3/9-polig EEDA103NN00000001000 DE/EN

German

EGA103N00000001000

English



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German