



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**

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        | 8  |
| Number of Power Positions  | 8  |
| Number of Signal Positions | 0  |
| 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 | PA66                    |

Mechanical Attachment

|                          |                                  |
|--------------------------|----------------------------------|
| Mating Retention Type    | Speedtec (Triple Start Threaded) |
| 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 | 23 |
|-------------------------------|----|

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      |
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JAN 2024 (240)<br>SVHC > Threshold: |



Pb (3% 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           | 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 # BSA078N00420235000  
923 PLUG



TE Part # C0-0003-000-000  
POSITIONING INSERT FOR 1 MM CONTACTS



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



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



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

Customers Also Bought



|                                                                                                                                                    |                                                                                                                                               |                                                                                                                                                       |                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part #BSA852N0086201A000<br/>917 PLUG</p>                  |  <p>TE Part #ESA202N00330500000<br/>915 PLUG</p>             |  <p>TE Part #61-0193-011-P00<br/>CONTACT PIN 2 MM</p>              |  <p>TE Part #10-0861-054-000<br/>923 PLUG HOUSING IG3</p> |
|  <p>TE Part #40-0898-000-P00<br/>917 INSULATION INSERT, 7-PIN</p> |  <p>TE Part #50-0432-000-P00<br/>923 cable clamp</p>         |  <p>TE Part #40-0947-000-P00<br/>623 INSULATION INSERT, 12-PIN</p> |  <p>TE Part #10-0525-002-P00<br/>623 PLUG HOUSING IG3</p> |
|  <p>TE Part #10-0363-002-P00<br/>923 PLUG HOUSING IG3</p>       |  <p>TE Part #40-A079-000-P00<br/>923 INSULATION INSERT</p> |                                                                                                                                                       |                                                                                                                                              |

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_BEA089N00000222000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_BEA089N00000222000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_BEA089N00000222000\_A.3d\_stp.zip

English

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

Datasheets & Catalog Pages

BEA089N00000222000

English

623 Einbaudose IG3 mit Montagegewinde, 8-polig BEGA089NN00000222000 DE-EN - Umstellungshinweis

German



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

German

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**Product Specifications**

German