

# H52A008NN00590100000 ✓ ACTIVE

TE Internal #: HKA008N00590100000

Standard Circular Connectors, Cable-to-Cable, Power & Signal,  
Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,  
PA66+PA6, Size 23

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Connectors > Circular Connectors > Standard Circular Connectors



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

Sealable: **No**

Circuit Application: **Power & Signal**

Connector Mounting Type: **Cable Mount (Free-Hanging)**

Shell Plating Material: **Electrodeposited Nickel**

## Features

### Product Type Features

|                  |                    |
|------------------|--------------------|
| Product Type     | Connector Assembly |
| Connector System | Cable-to-Cable     |
| Sealable         | No                 |
| Shell Type       | Metal              |

### Electrical Characteristics

|                   |                 |
|-------------------|-----------------|
| Operating Voltage | 30 VAC, 630 VAC |
|-------------------|-----------------|

### Body Features

|   |                         |
|---|-------------------------|
| Environmental Protection                    | IP67                    |
| Shell Plating Material                      | Electrodeposited Nickel |
| Shell Base Material                         | Zinc Alloy              |
| Circular Connector Insulation Material Type | PA66+PA6                |

### Mechanical Attachment

|                         |                                  |
|-------------------------|----------------------------------|
| Mating Retention Type   | Speedtec (Triple Start Threaded) |
| Connector Mounting Type | Cable Mount (Free-Hanging)       |



**Housing Features**

|                               |    |
|-------------------------------|----|
| Circular Connector Shell Size | 23 |
|-------------------------------|----|

**Dimensions**

|                      |                           |
|----------------------|---------------------------|
| Cable Diameter Range | 14 – 17 mm [.55 – .67 in] |
|----------------------|---------------------------|

**Usage Conditions**

|                             |                            |
|-----------------------------|----------------------------|
| 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 |
| Approved Standards     | 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 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (3.5% in Component part)<br><b>Article Safe Usage Statements:</b><br>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 # HSA002N00590100000  
723 HTEC PLUG, SPEEDTEC

TE Part # C0-0265-000-000  
LOCATOR FOR CRIMPING TOOL

TE Part # C0-0324-000-000  
DIGITAL CRIMPING TOOL



TE Part # C0-0138-000-000  
POSITIONING INSERT FOR 2 MM CONTACTS

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

## Customers Also Bought



TE Part #ASA013N00410235000  
623 PLUG



TE Part #ASA035N00410235000  
623 PLUG



TE Part #BSA108N00420236000  
923 PLUG, SHORT



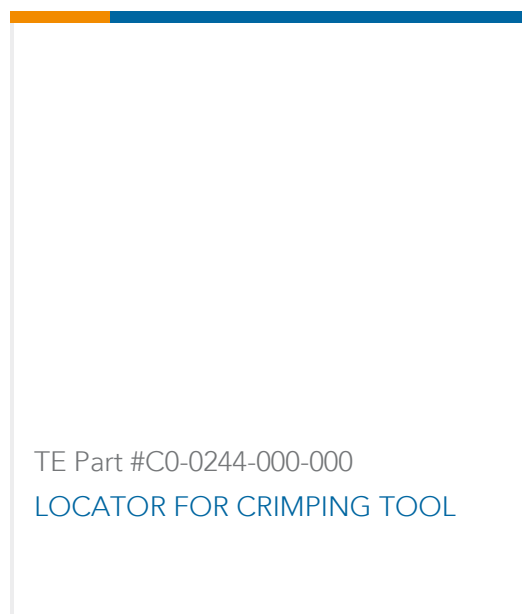
TE Part #HSA008N00580100000  
723 HTEC PLUG, SPEEDTEC

TE Part #C0-0265-000-000  
LOCATOR FOR CRIMPING TOOL

TE Part #AEA139N00000400000  
623 receptacle IG3, speedtec-ready

TE Part #ASA014N00820235000  
623 plug

TE Part #BSA610N0086127A000  
917 plug



## Documents

### CAD Files

[3D PDF](#)

[3D](#)

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HKA008N00590100000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HKA008N00590100000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_HKA008N00590100000\\_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

[HKA008N00590100000](#)

English

### Product Specifications

German