

H52A008NN00590100000

✓ ACTIVE

TE Internal #: HKA008N00590100000

11 Position Circular Connector, Cable-to-Cable, Power & Signal,
Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy,
PA66+PA6

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Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: 11

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

Sealable: **No**

Circuit Application: **Power & Signal**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	11
Number of Power Positions	5
Number of Signal Positions	6

Electrical Characteristics

Operating Voltage	50 VDC, 850 VDC
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Body Features

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



Circular Connector Insulation Material TypePA66+PA6

Mechanical Attachment

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

Housing Features

Circular Connector Shell Size	23
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Dimensions

Cable Diameter Range	14 – 17 mm[.55 – .67 in]
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Usage Conditions

Operating Temperature Range	-20 – 130 °C[-4 – 266 °F]
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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	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (3.5% 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 # C0-0201-000-P00
CRIMPING TOOL MID-SIZE

TE Part # C0-0324-000-P00
DIGITAL CRIMPING TOOL

TE Part # HSA002N00590100000
723 HTEC PLUG, SPEEDTEC

TE Part # C0-0265-000-P00
LOCATOR FOR CRIMPING TOOL

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

Customers Also Bought

TE Part #HSA008N00580100000
723 HTEC PLUG, SPEEDTEC

TE Part #BSA078N00420100000
923 PLUG, SPEEDTEC

TE Part #ASA035N00410235000
623 PLUG

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



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

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Datasheets & Catalog Pages

[HKA008N00590100000](#)

English

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

German

Product Specifications

German