H52A002NN00590100000 ✔ ACTIVE

TE Internal #: HKA002N00590100000

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

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors







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

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

Sealable: **No**

Circuit Application: **Power & Signal**

Shell Plating Material: **Electrodeposited Nickel**

Features

Product Type Features

Product Type	Connector Assembly
Connector 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
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) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% in Component Part) **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 # C0-0138-000-000
POSITIONING INSERT FOR 2 MM CONTACTS



TE Part # HSA008N00420100000
723 HTEC PLUG, SPEEDTEC

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

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

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

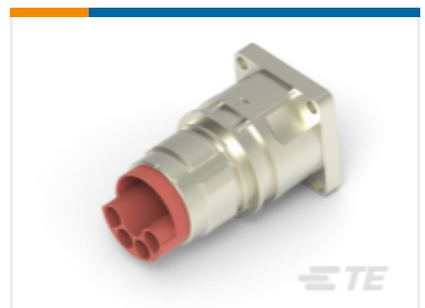
Customers Also Bought



TE Part #66102-9
III+ PIN,24-20,30AU/FL,STRIP



TE Part #HSA008N00590100000
723 HTEC PLUG, SPEEDTEC



TE Part #HEC005N00000300000
723 HTEC RECEPTACLE, SPEEDTEC



TE Part #60-0205-011-P00
CONTACT SOCKET 0.6 MM



TE Part #HGC005N00003300000
723 htec receptacle, angled, speedtec

TE Part #40-A487-000-P00
406 ETHERNET ELEMENT CAT 5



TE Part #60-0302-011-P00
CONTACT SOCKET 2 MM



TE Part #60-0254-011-P00
CONTACT SOCKET 2 MM

TE Part #40-0559-000-P00
623 INSULATION INSERT, 16+3-PIN

TE Part #10-0525-002-P00
623 PLUG HOUSING IG3

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_HKA002N00590100000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_HKA002N00590100000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_HKA002N00590100000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

fuer Datenblaetter, die online konfigurierbar sind

German

Product Specifications

German

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

ROX9J2K4 363549-000 1-917659-5 2149966-1 539635-1 2008571-3 SC30R33KT 336330-1 1-350945-0 173796-E 1801174-1 MPT100C8K2F ROX9J100R SMF3100KJT 641763-1 ROX9J4K3 ROX9J820R 1622820-6 322335 828801-6 ROX9J160R 1-316080-2 320552 7-2178711-4 T4112401051-000 5174225-5 2132781-3 967116-2 ROX9J120R SMA-A0102FTDL10K