

H52A002NN00590100000 ✓ ACTIVE

TE Internal #: HKA002N00590100000

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
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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
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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
Approved Standards	UL

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

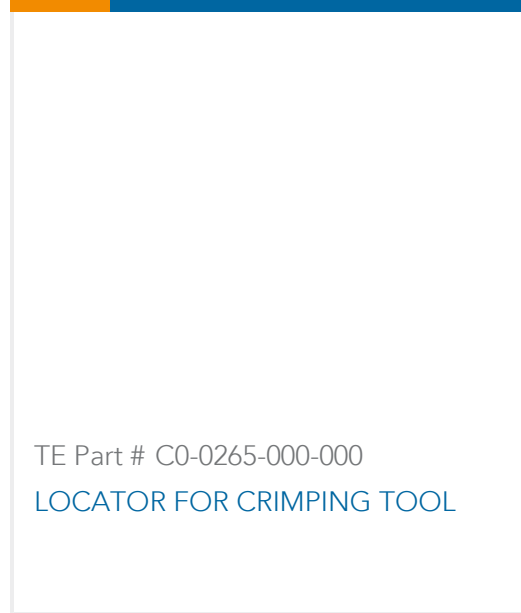
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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

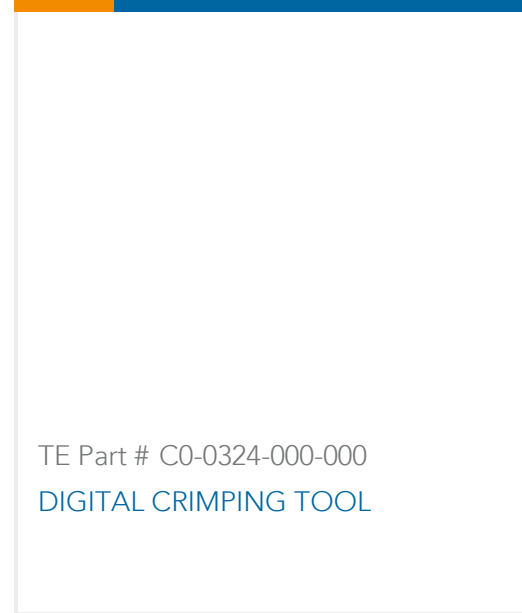
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # C0-0265-000-000
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



TE Part # HSA008N00420100000
723 HTEC PLUG, SPEEDTEC

Customers Also Bought



TE Part #1534807-1
HD20 COVER KIT 15P



TE Part #140814-2
250 FASTON,TAB,TPBR



TE Part #60-0001-011-000
CONTACT SOCKET 1 MM



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



TE Part #60-0254-011-000
CONTACT SOCKET 2 MM



TE Part #ASA001N00480650000
623 PLUG



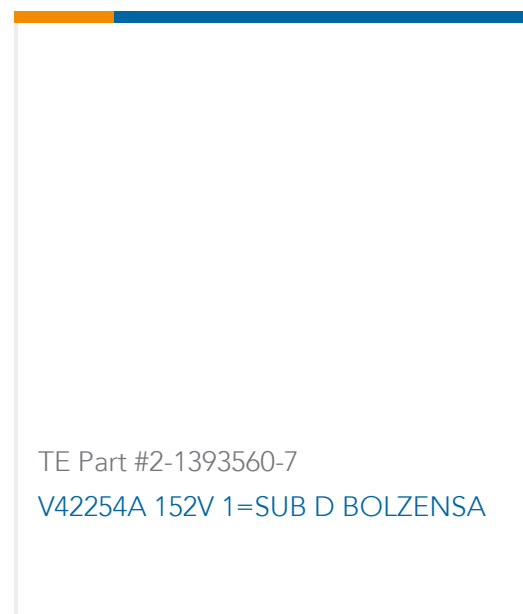
TE Part #CSA264N00450020000
940 PLUG, SPEEDTEC



TE Part #ESB002N00320001000
615 PLUG



TE Part #HEC005N00000300000
723 HTEC RECEPTACLE, SPEEDTEC



TE Part #2-1393560-7
V42254A 152V 1=SUB D BOLZENZA

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

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

[HKA002N00590100000](#)

English

Product Specifications

German