



TE Internal #: CKA267N00450051000

Cable-to-Cable, 6 Position, Shell Size 40, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PA66, 4 Power Positions

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

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

Number of Positions: **6**

Sealable: **No**

Circuit Application: **Power & Signal**

Features

Product Type Features

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

Configuration Features

Number of Positions	6
Number of Power Positions	4
Number of Signal Positions	2
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	250 VDC, 630 VDC
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Body Features

Environmental Protection	IP67
Environmental Protection Type	Sealed



Shell Plating Material	Electrodeposited Nickel
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Shell Base Material	Zinc Alloy
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Circular Connector Insulation Material Type	PA66
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Mechanical Attachment

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

Circular Connector Shell Size	40
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Alignment Keyed	0°
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Dimensions

Cable Diameter Range	16.5 – 25 mm [.65 – .98 in]
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Usage Conditions

IP Water Sealing Level	IP67
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Operating Temperature Range	-20 – 130 °C [-4 – 266 °F]
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Operation/Application

Durability Rating	500 Cycles
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Circuit Application	Power & Signal
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Shielded	Yes
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Industry Standards

UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	UL
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量超出标准 Restricted Substance(s) Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250)
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Candidate List Declared Against: JAN 2025 (247)

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

TE Part # C0-0009-000-000
POSITIONING INSERT FOR 2 MM CONTACTS

TE Part # CSA263N00450001000
940 PLUG

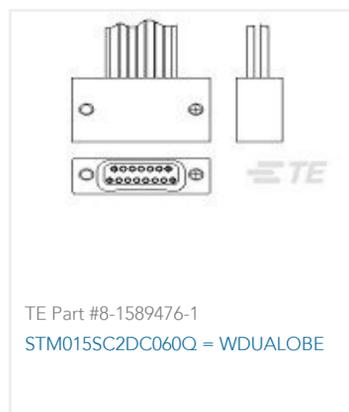
TE Part # C0-0313-000-P00
CRIMPING DEVICE HC20 IN CASE

TE Part # C0-0010-000-000
POSITIONING INSERT FOR 3.6 MM CONTACTS

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

TE Part # C0-0008-000-P00
CRIMPING TOOL LARGE

Customers Also Bought



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_CKA267N00450051000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CKA267N00450051000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_CKA267N00450051000_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[für Datenblätter, die online konfigurierbar sind](#)

German

[CKA267N00450051000](#)

English

CKUA267NN00450051000

Cable-to-Cable, 6 Position, Shell Size 40, Power & Signal, Cable Mount (Free-Hanging), Electrodeposited Nickel, Zinc Alloy, PA66, 4 Power Positions



Product Specifications

German