

# CK6,0-ED-10,00M PE DCC AG - Crimp contact



1559526

<https://www.phoenixcontact.com/gb/products/1559526>

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Crimp contact, contact diameter: 6 mm, turned, Pin, contact material: Copper alloy, lead-free, contact surface: silver-plated, connection cross section: 10 mm<sup>2</sup> ... 10 mm<sup>2</sup>, AWG 8 ... 8

## Commercial data

Item number	1559526
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AF7AIF
Product key	AF7AIF
GTIN	4067923039353
Weight per piece (including packing)	11.5 g
Weight per piece (excluding packing)	11.5 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	HC-DCC4-I-CT-HW-M contact carrier
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### Mounting

Assembly note	<p>The contacts are qualified for crimping dies in accordance with DIN 46235.</p> <p>Klaue, for example, offers the appropriate tool:</p> <p>Crimping dies from the D22 series are required for the EKM6022 battery-operated hydraulic crimping pliers. Due to the narrow crimping width of 5 mm, it is very important to make two compressions next to one another.</p> <p>For the EK12042 model, crimping dies from the HD13 series are required. Due to a wider crimping process, only one compression is required.</p> <p>The quality of a crimp connection is determined by DIN EN 60352-2.</p>
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### Product properties

Product type	Crimp contact
Series	HC-M-...-25, HC-DCC4-I-CT-HW
Application	Power
Type	Individual male contact
Contact material type	turned

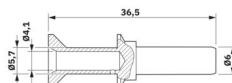
### Connection data

Connection method	Crimp connection
Contact connection type	Pin
Connection technology	Crimp connection
Conductor cross section	10 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Connection cross section AWG	8 ... 8
Stripping length of the individual wire	15.5 mm
Conductor cross section flexible	10 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section AWG	8 ... 8

### Material specifications

Contact material	Copper alloy, lead-free
Contact surface material	silver-plated

### Dimensions

Dimensional drawing	
Length	36.5 mm

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## Mechanical characteristics

Contact diameter	6 mm
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	≥ 500
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## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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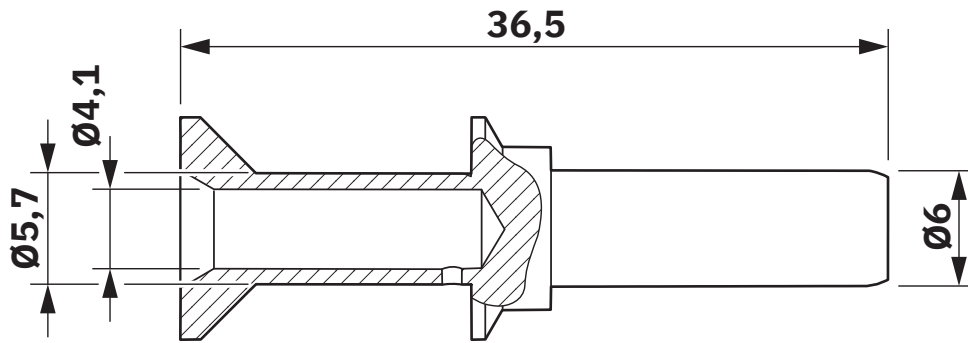
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-13.0	27440204
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### ETIM

ETIM 9.0	EC000796
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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