

# CK2,5-ED-1,00BU AG - Crimp contact



1663666

<https://www.phoenixcontact.com/us/products/1663666>

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Crimp contact, series: HC-M-06, Socket, turned, contact diameter: 2.5 mm, rated current: 16 A, connection cross section: 1 mm<sup>2</sup> ... 1 mm<sup>2</sup>, AWG 18...18, contact material: Cu alloy

## Commercial data

Item number	1663666
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AID
GTIN	4017918123475
Weight per piece (including packing)	1.538 g
Weight per piece (excluding packing)	1.272 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Crimp contact
Series	HC-M-06
	HC-M-HV
	HC-M-08
	HC-A
	HC-BB
	HC-B
	HC-HV
	HC-M-20
	HC-K
	HC-BBB
	HC-Q
HC-COM	
Contact material type	turned

### Connection data

#### Connection technology

Contact connection type	Socket
Connection method	Crimp connection

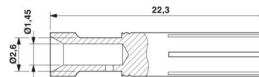
#### Conductor connection

Stripping length	7.5 mm (9.5 mm at HC-M-HV...)
Connection cross section	1 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Connection cross section AWG	18 ... 18

### Material specifications

Material Contact	Cu alloy
Material Contact surface	Ag

### Dimensions

Dimensional drawing	
Diameter (Contact diameter)	2.5 mm

### Electrical properties

Rated current	16 A (Take into account the derating of the contact insert used. The rated current corresponds to the maximum possible connection cross-section.)
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### Mechanical properties

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## 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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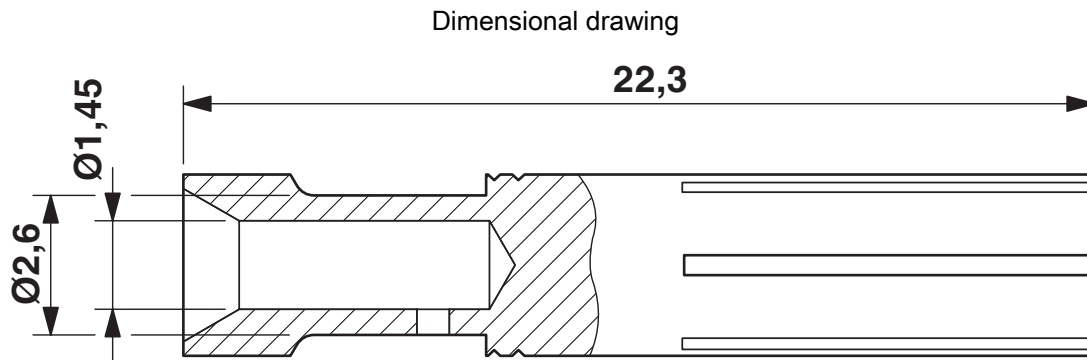
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## Drawings



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663666>



**EAC**

Approval ID: RU C-DE.AI30.B.01102

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## Classifications

### ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

### ETIM

ETIM 10.0	EC000796
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### UNSPSC

UNSPSC 21.0	39121500
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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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### EF3.1 Climate Change

CO2e kg	0.014 kg CO2e
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