

# CK9,5-ED-16,00F AG - Crimp contact



1682085

<https://www.phoenixcontact.com/us/products/1682085>

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Crimp contact, series: HC-M-...-70, Socket, turned, contact diameter: 9.5 mm, rated current: 200 A, connection cross section: 16 mm<sup>2</sup> ... 16 mm<sup>2</sup>, AWG 6...6 , contact material: Cu alloy

## Commercial data

Item number	1682085
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF65
Product key	AF7AIH
GTIN	4067923235595
Weight per piece (including packing)	31 g
Weight per piece (excluding packing)	30 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Crimp contact
Series	HC-M-...-70
Contact material type	turned

### Connection data

#### Connection technology

Contact connection type	Socket
Connection method	Crimp connection

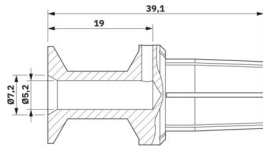
#### Conductor connection

Stripping length	18.5 mm
Connection cross section	16 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Connection cross section AWG	6 ... 6

### Material specifications

Material Contact	Cu alloy (lead-free)
Material Contact surface	Ag

### Dimensions

Dimensional drawing	
Length [l]	39.1 mm
Diameter (Contact diameter)	9.5 mm

### Electrical properties

Rated current	200 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

#### 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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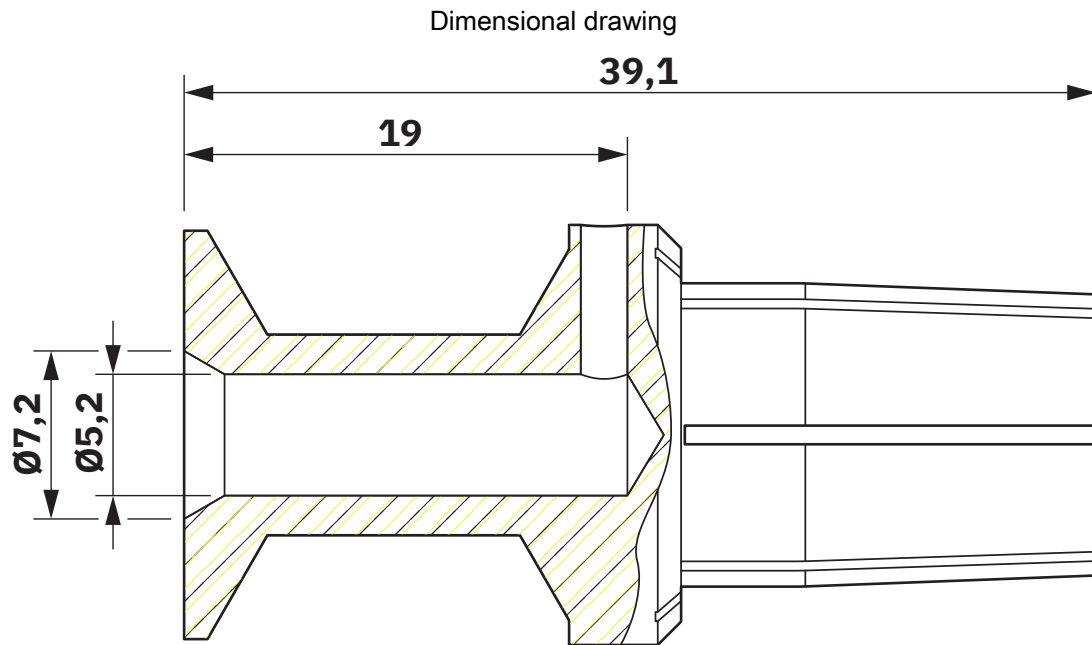
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## Drawings



Dimensional drawing

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## 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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