

# CK1,6-ED-0,75ST AU - Crimp contact



1674914

<https://www.phoenixcontact.com/us/products/1674914>

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Crimp contact, series: HC-M-12, Pin, turned, contact diameter: 1.6 mm, rated current: 10 A, connection cross section: 0.75 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>, AWG 18...18, contact material: Cu alloy

## Commercial data

Item number	1674914
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIA
GTIN	4017918135614
Weight per piece (including packing)	670 MGM
Weight per piece (excluding packing)	670 MGM
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

Note on application	for HC-M-12, HC-M-17, HC-M-03/04, HC-M-EMV, HC-D, HC-DD, HC-Q, and VC-D contact carriers
Note on application	The quality of a crimp connection is determined by DIN EN 60352-2.
Notes on the product family	For voltages less than 5 V and currents less than 5 mA, gold-plated contacts are recommended.
Notes on connection	<p>Note on crimp connection technology:</p> <p>For flexible wires only. The specified conductor cross-sections refer to the nominal cross-section of the cable used.</p> <p>The wiring space of the crimp connection technology is designed for fine-stranded cables in accordance with VDE 0295 Class 5. Deviating cable structures (e.g., Class 1.2 and 6 or AWG cables) should be checked before use.</p>

### Product properties

Product type	Crimp contact
Series	HC-M-12
	HC-M-EMV
	HC-D
	HC-DD
	VC-D
	HC-M-03/04
	HC-M-17
	HC-K
	HC-Q
	HC-COM
HC-M-42	
HC-M-08-MBIT	
Contact material type	turned

### Connection data

Connection technology	
Contact connection type	Pin
Connection method	Crimp connection
Conductor connection	
Stripping length	8 mm
Connection cross section	0.75 mm <sup>2</sup> ... 0.75 mm <sup>2</sup>
Connection cross section AWG	18 ... 18

### Material specifications

Material Contact	Cu alloy
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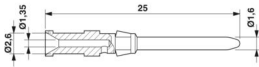


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Material Contact surface	Au
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## Dimensions

Dimensional drawing	
Diameter (Contact diameter)	1.6 mm

## Electrical properties

Rated current	10 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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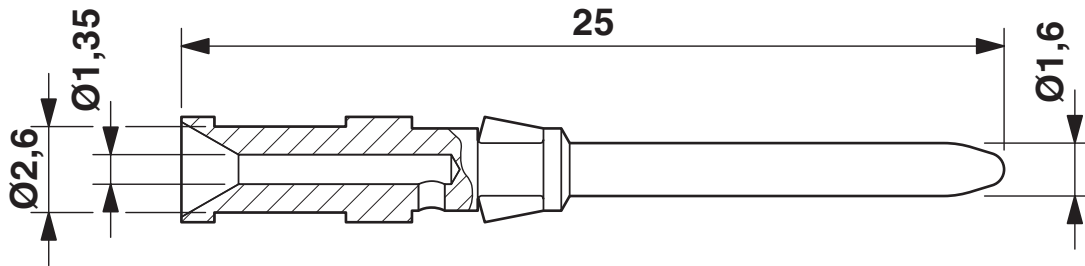


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## Drawings

Dimensional drawing



Dimensional drawing

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1674914>



**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	0.171 kg CO2e
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