

# CK1,6-ER-2,50BU OIC AG - Crimp contact



1004366

<https://www.phoenixcontact.com/us/products/1004366>

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Crimp contact, series: HC-M-12, Socket, rolled, contact diameter: 1.6 mm, connection cross section: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, AWG 16...14, contact material: Cu alloy

## Commercial data

Item number	1004366
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIB
GTIN	4055626472560
Weight per piece (including packing)	0.361 g
Weight per piece (excluding packing)	0.3 g
Customs tariff number	85366990
Country of origin	TR

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## Technical data

### Notes

General	This product replaces 1884115 CK1,6-ER-1,50BU AG
Assembly note	<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	rolled

### Connection data

#### Connection technology

Contact connection type	Socket
Connection method	Crimp connection

#### Conductor connection

Stripping length	4 mm
Connection cross section	1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	16 ... 14

### Material specifications

Material Contact	Cu alloy (nickel-plated)
Material Contact surface	Ag

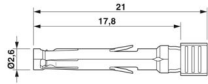
### Dimensions

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Dimensional drawing	
Length [l]	21 mm
Diameter (Contact diameter)	1.6 mm

## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	$\geq 50$
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## Environmental and real-life conditions

### Ambient conditions

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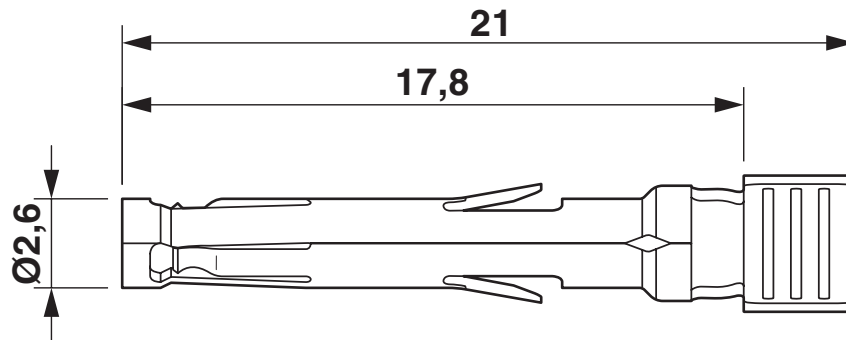


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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

ECLASS-13.0	27440204
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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