

# CK1,6-BR-1,00BU OIC AG - Crimp contact



1004381

<https://www.phoenixcontact.com/us/products/1004381>

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Crimp contact, Socket, rolled, contact diameter: 1.6 mm, connection cross section: 0.34 mm<sup>2</sup> ... 1 mm<sup>2</sup>, AWG 22...17 , contact material: Cu alloy

## Commercial data

Item number	1004381
Packing unit	7,000 pc
Minimum order quantity	7,000 pc
Sales key	BF65
Product key	AF7AIB
GTIN	4055626472577
Weight per piece (including packing)	22.22 g
Weight per piece (excluding packing)	22.22 g
Customs tariff number	85366990
Country of origin	TR

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## Technical data

### Notes

Assembly note	max. crimping speed for 1 mm <sup>2</sup> corresponds to a cycle time of 1 second
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
Contact material type	rolled

### Connection data

#### Connection technology

Contact connection type	Socket
Connection method	Crimp connection

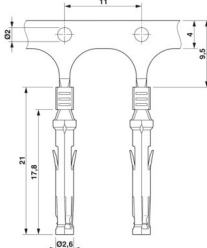
#### Conductor connection

Stripping length	4 mm
Connection cross section	0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup>
Connection cross section AWG	22 ... 17

### Material specifications

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

### Dimensions

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

### Mechanical properties

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## Mechanical data

Insertion/withdrawal cycles	≥ 50
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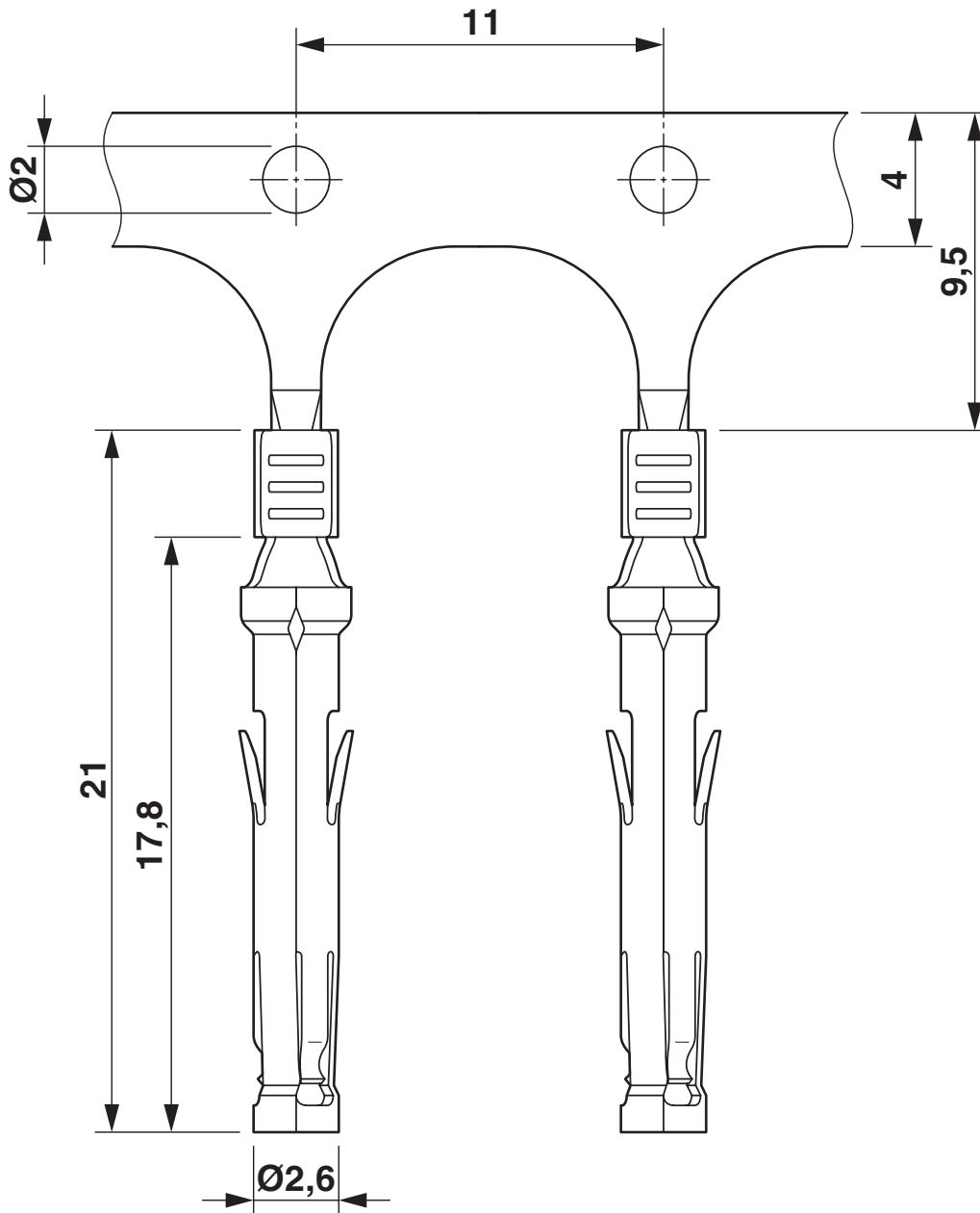
## Environmental and real-life conditions

### Ambient conditions

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