

# CK1,6-ED-2,50BU AG - Crimp contact



1663446

<https://www.phoenixcontact.com/us/products/1663446>

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Crimp contact, contact diameter: 1.6 mm, turned, Socket, contact material: Copper alloy, contact surface: silver-plated, connection cross section: 2.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, AWG 14

## Commercial data

Item number	1663446
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	BF7AIA
Catalog page	Page 507 (C-2-2019)
GTIN	4017918123253
Weight per piece (including packing)	0.74 g
Weight per piece (excluding packing)	0.677 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Notes

General	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
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### Mounting

Assembly instructions	At voltages of < 5 V and currents < 5 mA, gold-plated contacts are recommended.
	The quality of a crimp connection is determined by DIN EN 60352-2.

### Product properties

Product type	Crimp contact
Type	Individual female contact
Contact material type	turned
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	

### Connection data

Connection method	Crimp connection
Contact connection type	Socket
Connection technology	Crimp connection
Conductor cross section	2.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
Connection cross section AWG	14
Stripping length of the individual wire	6 mm
Conductor cross section flexible	2.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>

### Material specifications

Contact material	Copper alloy
Contact surface material	silver-plated

### Dimensions

#### Mechanical characteristics

Contact diameter	1.6 mm
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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles
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≥ 500
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## Environmental and real-life conditions

### Ambient conditions

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

### ECLASS

ECLASS-11.0	27440204
ECLASS-12.0	27440204
ECLASS-13.0	27440204

### ETIM

ETIM 9.0	EC000796
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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