

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



1663446

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

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Crimp contact, Socket, turned, contact diameter: 1.6 mm, rated current: 10 A, connection cross section: 2.5 mm² ... 2.5 mm², AWG 14...14 , contact material: Cu alloy

Commercial data

Item number	1663446
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIA
GTIN	4017918123253
Weight per piece (including packing)	0.689 g
Weight per piece (excluding packing)	0.677 g
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	Note on crimp connection technology: For flexible wires only. The specified conductor cross-sections refer to the nominal cross-section of the cable used. 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.

Product properties

Product type	Crimp contact
Contact material type	turned

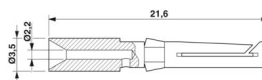
Connection data

Connection technology	
Contact connection type	Socket
Connection method	Crimp connection
Conductor connection	
Stripping length	6 mm
Connection cross section	2.5 mm ² ... 2.5 mm ²
Connection cross section AWG	14 ... 14

Material specifications

Material Contact	Cu alloy
Material Contact surface	Ag

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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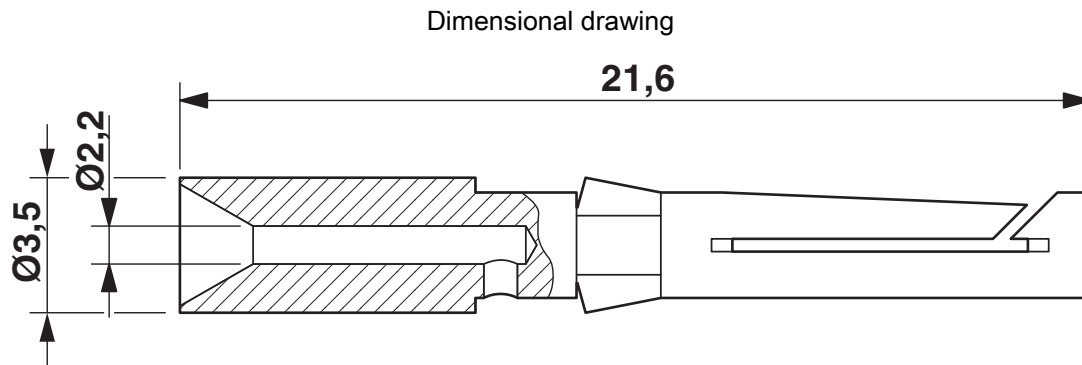
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Drawings



Dimensional drawing

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Approvals

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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
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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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com