

CK1,6-ED-1,00BU AG - Crimp contact



1663420

<https://www.phoenixcontact.com/us/products/1663420>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Crimp contact, series: HC-M-12, Socket, turned, contact diameter: 1.6 mm, connection cross section: 0.75 mm² ... 1 mm², AWG 18...18 , contact material: Cu alloy

Commercial data

Item number	1663420
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIA
GTIN	4017918123239
Weight per piece (including packing)	0.68 g
Weight per piece (excluding packing)	0.66 g
Customs tariff number	85366990
Country of origin	DE

CK1,6-ED-1,00BU AG - Crimp contact



1663420

<https://www.phoenixcontact.com/us/products/1663420>

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

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
Contact material type	HC-M-42
	HC-M-08-MBIT
turned	

Connection data

Connection technology	
Contact connection type	Socket
Connection method	Crimp connection

Conductor connection	
Stripping length	8 mm
Connection cross section (flexible)	0.75 mm ² ... 1 mm ²
Connection cross section	1 mm ² ... 1 mm ²
Connection cross section AWG	18 ... 18

Material specifications

Material Contact	Cu alloy
Material Contact surface	Ag

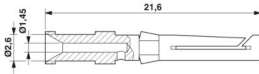
Dimensions

CK1,6-ED-1,00BU AG - Crimp contact



1663420

<https://www.phoenixcontact.com/us/products/1663420>

Dimensional drawing	
Diameter (Contact diameter)	1.6 mm

Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 500

Environmental and real-life conditions

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

CK1,6-ED-1,00BU AG - Crimp contact

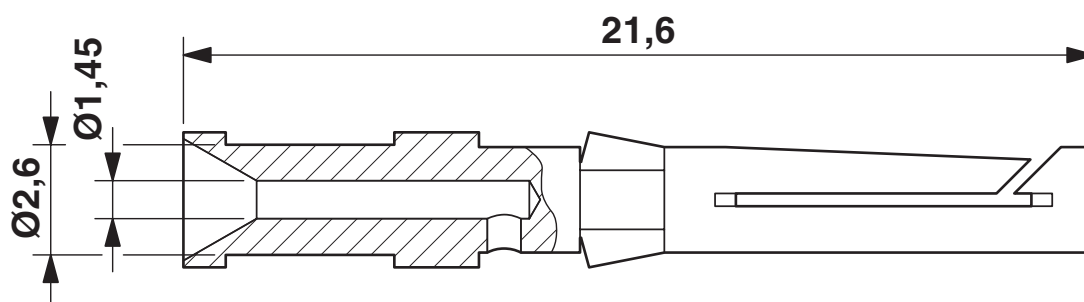
1663420

<https://www.phoenixcontact.com/us/products/1663420>



Drawings

Dimensional drawing



Dimensional drawing

CK1,6-ED-1,00BU AG - Crimp contact

1663420

<https://www.phoenixcontact.com/us/products/1663420>



Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1663420>



EAC

Approval ID: RU C-DE.AI30.B.01102

CK1,6-ED-1,00BU AG - Crimp contact



1663420

<https://www.phoenixcontact.com/us/products/1663420>

Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 9.0	EC000796
----------	----------

UNSPSC

UNSPSC 21.0	39121500
-------------	----------

CK1,6-ED-1,00BU AG - Crimp contact



1663420

<https://www.phoenixcontact.com/us/products/1663420>

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%
EF3.0 Climate Change	
CO2e kg	0.034 kg CO2e

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

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