

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



1674943

<https://www.phoenixcontact.com/us/products/1674943>

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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	1674943
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIA
GTIN	4017918135645
Weight per piece (including packing)	0.667 g
Weight per piece (excluding packing)	0.667 g
Customs tariff number	85366990
Country of origin	DE

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1674943

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

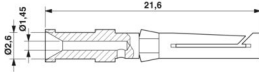
Dimensions

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



1674943

<https://www.phoenixcontact.com/us/products/1674943>

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 AU - Crimp contact

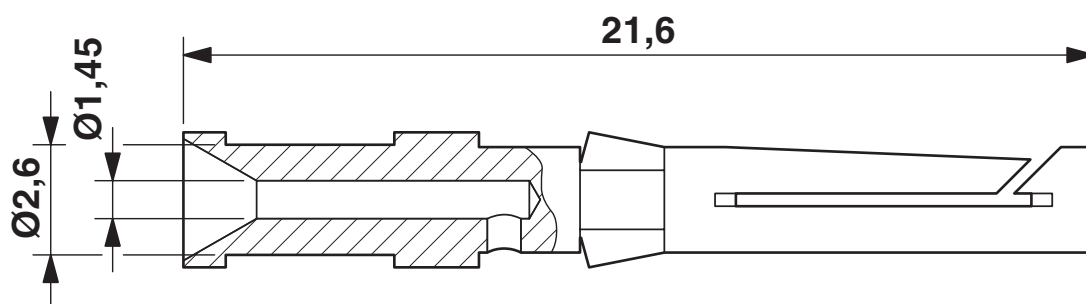
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Drawings

Dimensional drawing



Dimensional drawing

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

1674943

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Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1674943>



EAC

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

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1674943

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Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 9.0	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
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	270d4093-b4ed-41df-9063-935bd4a1b27b

EF3.0 Climate Change

CO2e kg	0.205 kg CO2e
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