

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

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, Pin, turned, contact diameter: 1.6 mm, connection cross section: 0.5 mm² ... 0.5 mm², AWG 20...20, contact material: Cu alloy

Commercial data

Item number	1672453
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AF7AIA
Product key	AF7AIA
GTIN	4017918135355
Weight per piece (including packing)	0.7 g
Weight per piece (excluding packing)	0.68 g
Customs tariff number	85366990
Country of origin	DE

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

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	Pin
Connection method	Crimp connection

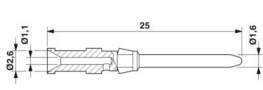
Conductor connection

Stripping length	8 mm
Connection cross section	0.5 mm ² ... 0.5 mm ²
Connection cross section AWG	20 ... 20

Material specifications

Material Contact	Cu alloy
Material Contact surface	Au

Dimensions

Dimensional drawing	
---------------------	--------------------------------------------------------------------------------------

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

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-0,50ST AU - Crimp contact

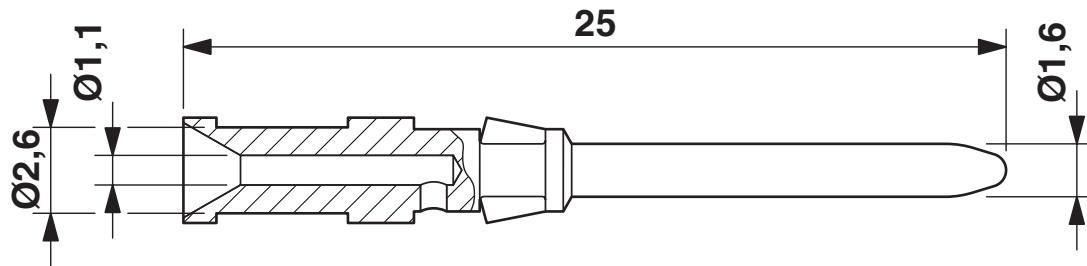


1672453

<https://www.phoenixcontact.com/gb/products/1672453>

Drawings

Dimensional drawing



Dimensional drawing

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/gb/products/1672453>



EAC

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

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

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

UNSPSC

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

CK1,6-ED-0,50ST AU - Crimp contact



1672453

<https://www.phoenixcontact.com/gb/products/1672453>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
-----------------------------------------	--------------------

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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

EF3.0 Climate Change

CO2e kg	0.155 kg CO2e
---------	---------------

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

PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk