CK1,6-ED-1,50ST AU - Crimp contact

1674875

https://www.phoenixcontact.com/nl/products/1674875

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Crimp contact, series: HC-M-12, Pin, turned, contact diameter: 1.6 mm, connection cross section: 1.5 mm^2 ... 1.5 mm^2, AWG 16...16 , contact material: Cu alloy

Commercial data

Item number	1674875
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	AF7AIA
Product key	AF7AIA
GTIN	4017918135577
Weight per piece (including packing)	0,648 g
Weight per piece (excluding packing)	0,626 g
Customs tariff number	85366990
Country of origin	DE

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.
Assembly note	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

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

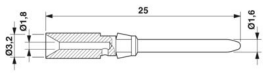
Conductor connection

Stripping length	8 mm
Connection cross section	1.5 mm² ... 1.5 mm²
Connection cross section AWG	16 ... 16

Material specifications

Material Contact	Cu alloy
Material Contact surface	Au

Dimensions

Dimensional drawing	
Diameter (Contact diameter)	1.6 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

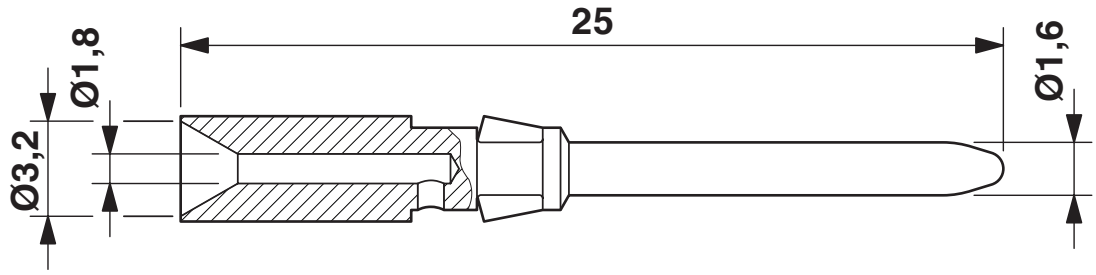
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing



Dimensional drawing

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/nl/products/1674875

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

Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 10.0	EC000796

UNSPSC

UNSPSC 21.0	39121500

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%

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