CK1,6-ER-2,50ST OIC AG - Crimp contact

1004365

https://www.phoenixcontact.com/us/products/1004365

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Crimp contact, series: HC-M-12, Pin, rolled, contact diameter: 1.6 mm, connection cross section: 1.5 mm^2 ... 2.5 mm^2, AWG 16...14 , contact material: Cu alloy

Commercial data

Item number	1004365
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AIB
GTIN	4055626472553
Weight per piece (including packing)	0.356 g
Weight per piece (excluding packing)	0.356 g
Customs tariff number	85366990
Country of origin	TR

Technical data

Notes

General	This product replaces 1884089 CK1,6-ER-1,50ST AG
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

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	rolled

Connection data

Connection technology

Contact connection type	Pin
Connection method	Crimp connection

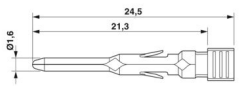
Conductor connection

Stripping length	4 mm
Connection cross section	1.5 mm² ... 2.5 mm²
Connection cross section AWG	16 ... 14

Material specifications

Material Contact	Cu alloy (nickel-plated)
Material Contact surface	Ag

Dimensions

Dimensional drawing	
Length [l]	24.5 mm
Diameter (Contact diameter)	1.6 mm

Mechanical properties

Mechanical data

Insertion/withdrawal cycles	≥ 500

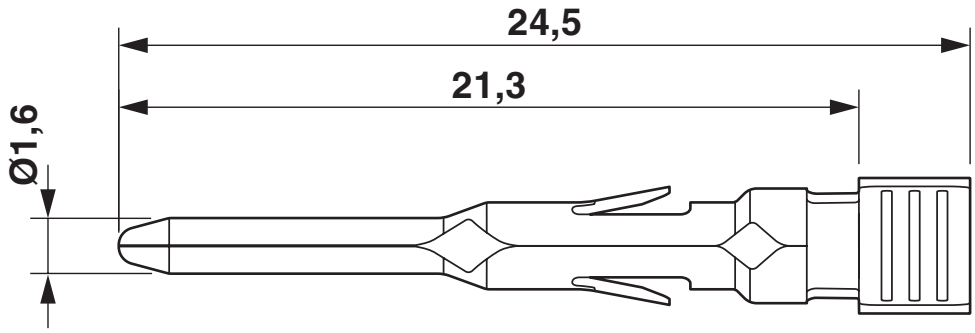
Environmental and real-life conditions

Ambient conditions

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

Drawings

Dimensional drawing



Dimensional drawing

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-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	0.04 kg CO2e

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