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

1004382

https://www.phoenixcontact.com/us/products/1004382

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Crimp contact, 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	1004382
Packing unit	5,000 pc
Minimum order quantity	5,000 pc
Sales key	BF65
Product key	AF7AIB
GTIN	4055626473130
Weight per piece (including packing)	1 g
Weight per piece (excluding packing)	1 g
Customs tariff number	85366990
Country of origin	TR

Technical data

Notes

General	This product replaces 1884144 CK1,6-BR-1,50ST AG
Assembly note	max. crimping speed for 2.5 mm² corresponds to a cycle time of 1 second
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
Contact material type	rolled

Connection data

Connection technology

Contact connection type	Pin
Connection method	Crimp connection

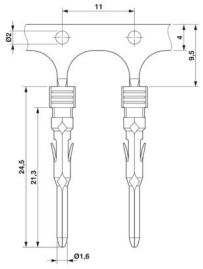
Conductor connection

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

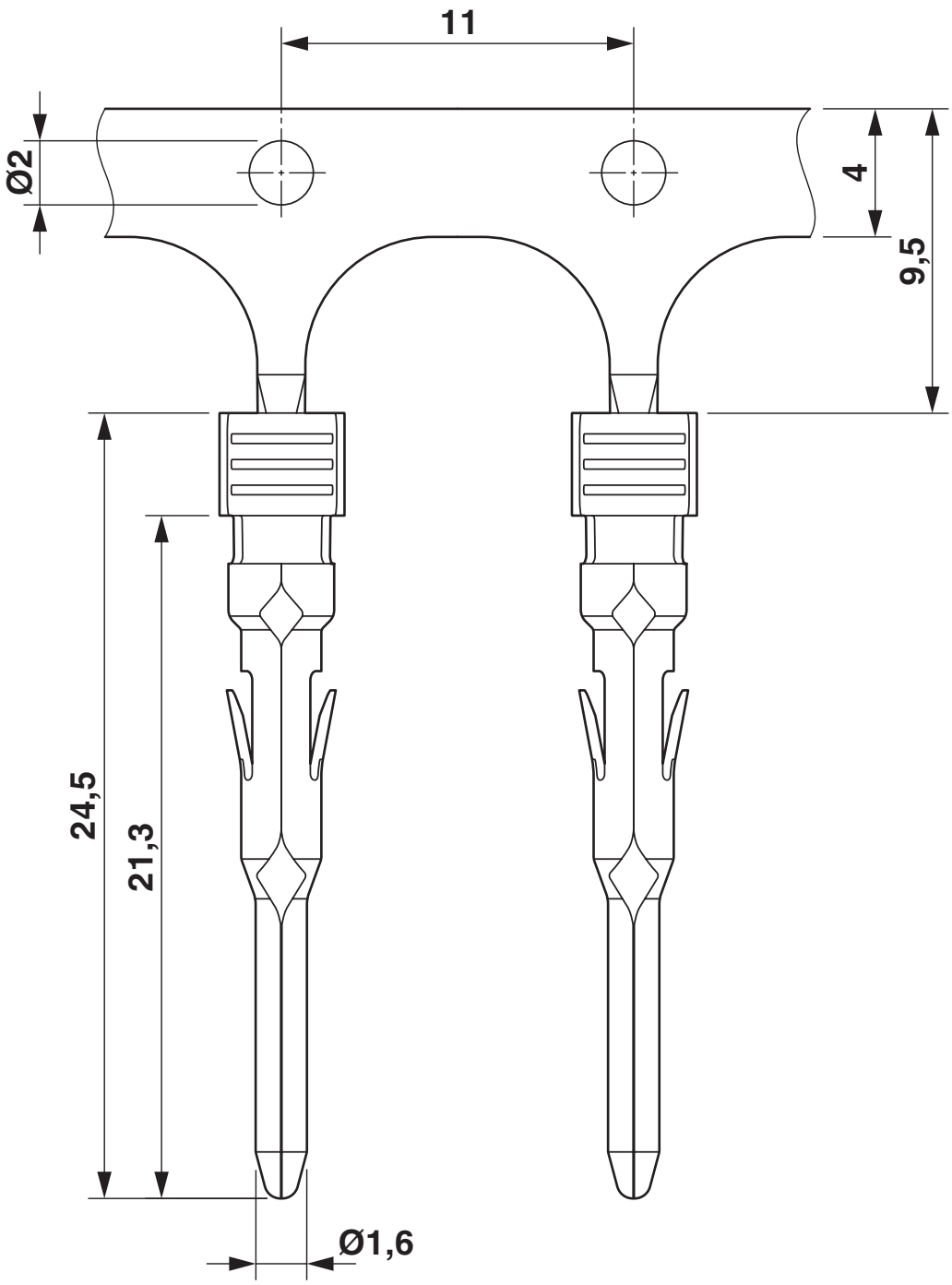
Environmental and real-life conditions

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	0.024 kg CO2e

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