

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



1884102

<https://www.phoenixcontact.com/pc/products/1884102>

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Rolled male contact, single contacts, silver-plated, 1.5 mm² ... 2.5 mm²

Commercial data

Item number	1884102
Packing unit	100 pc
Minimum order quantity	1 pc
Product key	BF7AIB
Catalog page	Page 407 (C-4-2013)
GTIN	4017918163808
Weight per piece (including packing)	470 MGM
Weight per piece (excluding packing)	470 MGM
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	for HC-D...R contact carriers, the quality of a crimp connection is determined by DIN EN 60352-2
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Mounting

Assembly note	At voltages of < 5 V and currents < 5 mA, gold-plated contacts are recommended. For HC-D...R and VC-D...R. Removal: - Slide the sleeve of the contact removal tool (VC EW 1,6) over the pin contact from the front. - By pulling the wire, the contact can be pulled out of the contact carrier.
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Product properties

Product type	Crimp contact
Series	VC-D...R HC-D...R
Type	Individual male contact
Contact material type	rolled

Connection data

Connection method	Crimp connection
Contact connection type	Pin
Connection technology	Crimp connection
Conductor cross section	1.5 mm ² ... 2.5 mm ²
Connection cross section AWG	16 ... 14
Stripping length of the individual wire	3.5 mm +1 mm

Material specifications

Contact material	Copper alloy
Contact surface material	hard-silver plated

Dimensions

Mechanical characteristics	
Contact diameter	1.6 mm

Electrical properties

Rated current	10 A
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Mechanical properties

Mechanical data	
Insertion/withdrawal cycles	≥ 500

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Environmental and real-life conditions

Ambient conditions

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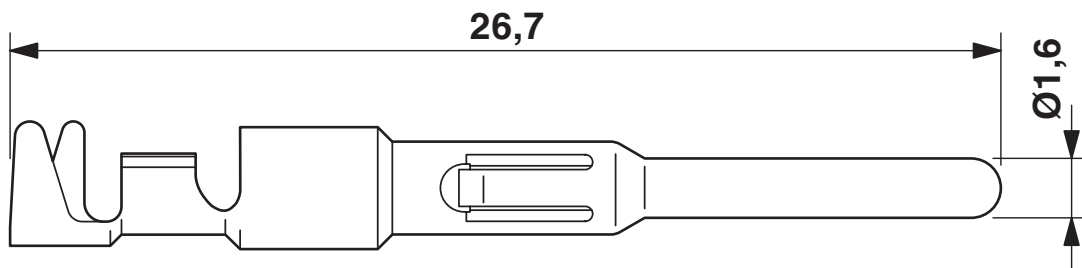
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-11.0	27440204
ECLASS-13.0	27440204

UNSPSC

UNSPSC 21.0	39121522
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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%

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Accessories

CK1,6-ER-2,50BU AG - Crimp contact

1884131

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UNIFOX MT-CK 1.6/2.5 - Assembly tool

1089092

<https://www.phoenixcontact.com/pc/products/1089092>



Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections

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