

CK2,5-ED-0,37BU AU - Crimp contact



1585647

<https://www.phoenixcontact.com/us/products/1585647>

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Crimp contact, Socket, contact diameter: 2.5 mm, rated current: 16 A, connection cross section: 0.14 mm² ... 0.37 mm², AWG 22...26 , contact material: Cu alloy

Commercial data

Item number	1585647
Packing unit	100 pc
Minimum order quantity	100 pc
Sales key	BF65
Product key	AF7AID
GTIN	4046356291354
Weight per piece (including packing)	1.5 g
Weight per piece (excluding packing)	1.362 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

Notes on the product family	for HC-M-06..., HC-M-HV-, HC-M-08-, HC-M-20-, HC-A..., HC-B..., HC-BB..., HC-BBB..., and HC-HV 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

Product type	Crimp contact
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Connection data

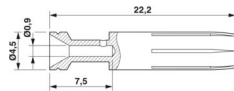
Connection technology	
Contact connection type	Socket
Connection method	Crimp connection

Conductor connection	
Stripping length	7.5 mm (9.5 mm at HC-M-HV...)
Connection cross section	0.14 mm ² ... 0.37 mm ²
Connection cross section AWG	22 ... 26

Material specifications

Material Contact	Cu alloy
Material Contact surface	Au

Dimensions

Dimensional drawing	
Diameter (Contact diameter)	2.5 mm

Electrical properties

Rated current	16 A (Take into account the derating of the contact insert used. The rated current corresponds to the maximum possible connection cross-section.)
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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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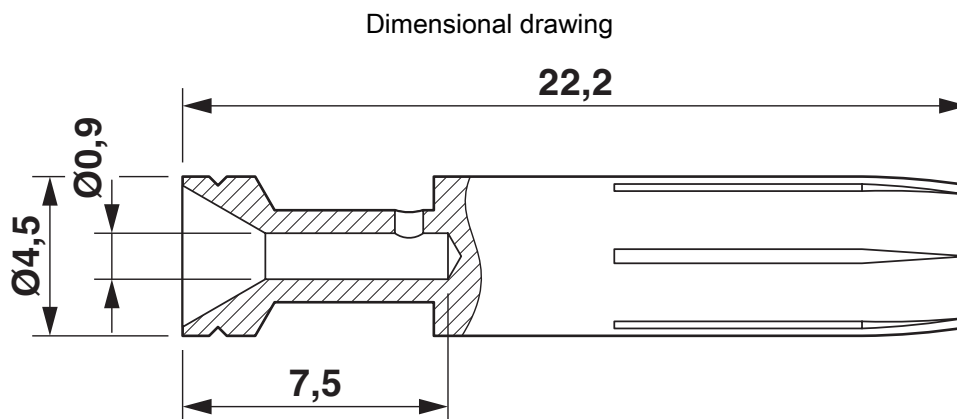
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Drawings



Dimensional drawing

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Classifications

ECLASS

ECLASS-13.0	27440204
ECLASS-15.0	27440204

ETIM

ETIM 10.0	EC000796
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UNSPSC

UNSPSC 21.0	39121500
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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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