

HC-M-04-ST-KOAX-75 - Coaxial contact



1686245

<https://www.phoenixcontact.com/il/products/1686245>

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Coaxial contact, contact diameter: 4.8 mm, turned, Pin, contact material: Copper alloy, contact surface: gold-plated, connection cross section: 0.14 mm² ... 2.5 mm², AWG 26 ... 14, Wave impedance: 75 Ω

Commercial data

Item number	1686245
Packing unit	10 pc
Minimum order quantity	1 pc
Product key	BF7ACZ
Catalog page	Page 589 (C-2-2019)
GTIN	4017918174125
Weight per piece (including packing)	2.651 g
Weight per piece (excluding packing)	2.442 g
Customs tariff number	85366910
Country of origin	UA

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Technical data

Notes

General	Cables that can be used for the coaxial contact: RG179B/U, RG187A/U
General	Coaxial contact for module HC-M-04-KT-F

Product properties

Product type	Coaxial contact
Type	Individual female contact
Contact material type	turned
Series	HC-M-04-KOAX

Electrical properties

Rated voltage (III/3)	48 V
Rated current	1.5 A
Wave impedance	75 Ω

Connection data

Connection technology

Connection technology	Soldering and crimp connection (Solder connection (wire) / crimp connection (braided shield))
Connection in acc. with standard	IEC / EN

Conductor connection

Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14
Stripping length of the individual wire	2 mm

Dimensions

Width	4.8 mm
Height	4.8 mm

Mechanical characteristics

Contact diameter	4.8 mm
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Material specifications

Contact material	Copper alloy
Contact surface material	gold-plated

Cable/line

Stripping length of the individual wire	2 mm
Wave impedance	75 Ω

Mechanical properties

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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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Mounting

Connection method	Solder connection
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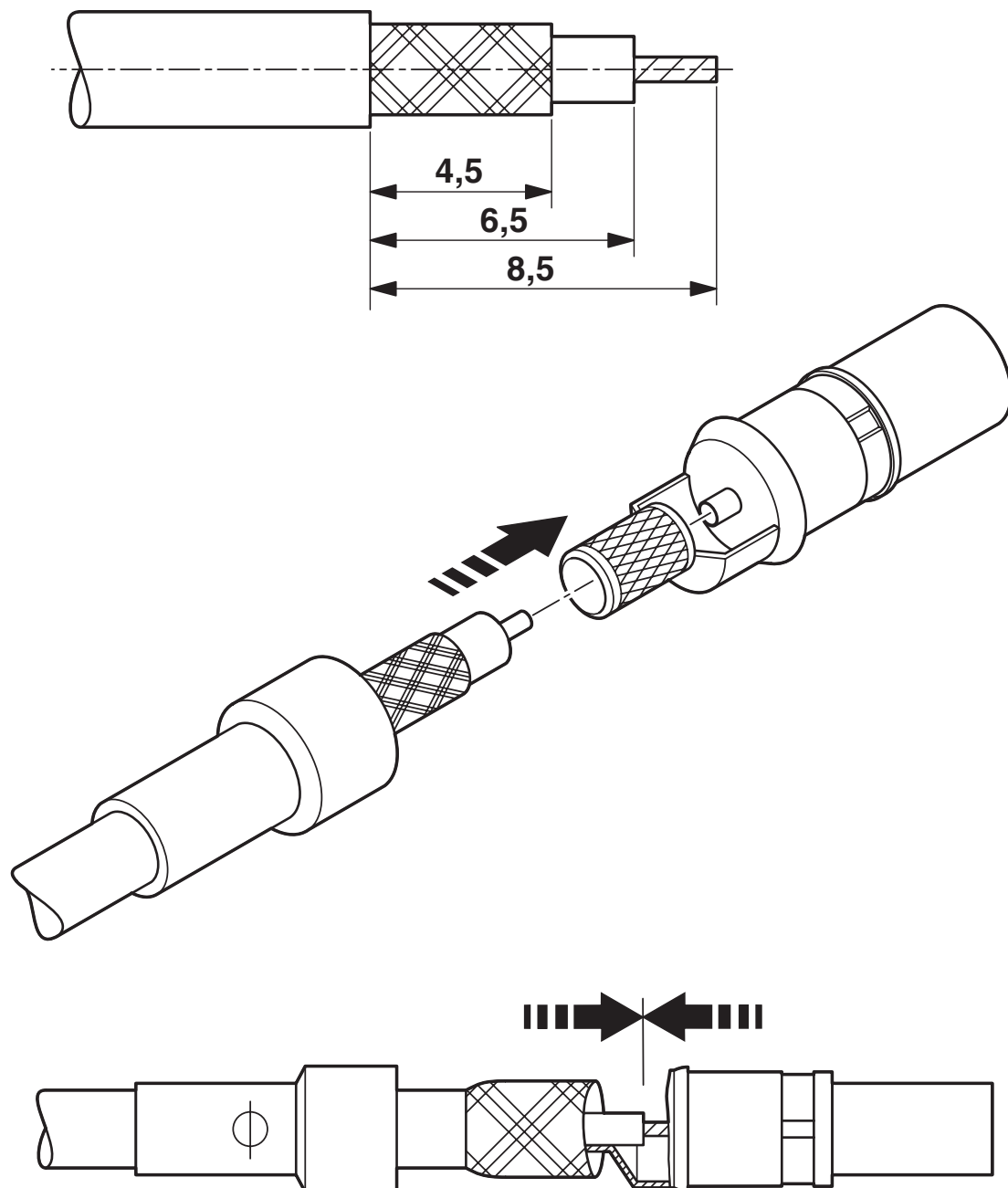
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Drawings

Schematic diagram



Assembly instruction:

RG cables 174/U; 188A/U; 316/U; 179B/U; 187A/U. Prepare the cable (see diagram) and slide the sleeve over the cable. Then solder the wire to the coaxial contact and lay the braided shield over the ridges of the contact. Slide the sleeve over the braided shield and crimp the shield/cable along the narrow contact collar.

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Classifications

ECLASS

ECLASS-11.0	27440204
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ETIM

ETIM 8.0	EC000796
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UNSPSC

UNSPSC 21.0	39121500
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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