

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



1686258

<https://www.phoenixcontact.com/us/products/1686258>

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Coaxial contact, contact diameter: 4.8 mm, turned, Socket, 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 | 1686258 |
| Packing unit | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | BF62 |
| Product key | BF7ACZ |
| Catalog page | Page 589 (C-2-2019) |
| GTIN | 4017918174132 |
| Weight per piece (including packing) | 2.321 g |
| Weight per piece (excluding packing) | 2.321 g |
| Customs tariff number | 85366910 |
| Country of origin | HU |

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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-M |

Product properties

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

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 mm ² ... 2.5 mm ² |
| 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 |
|------------------|--------|

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 |
|-----------------------------|-------|

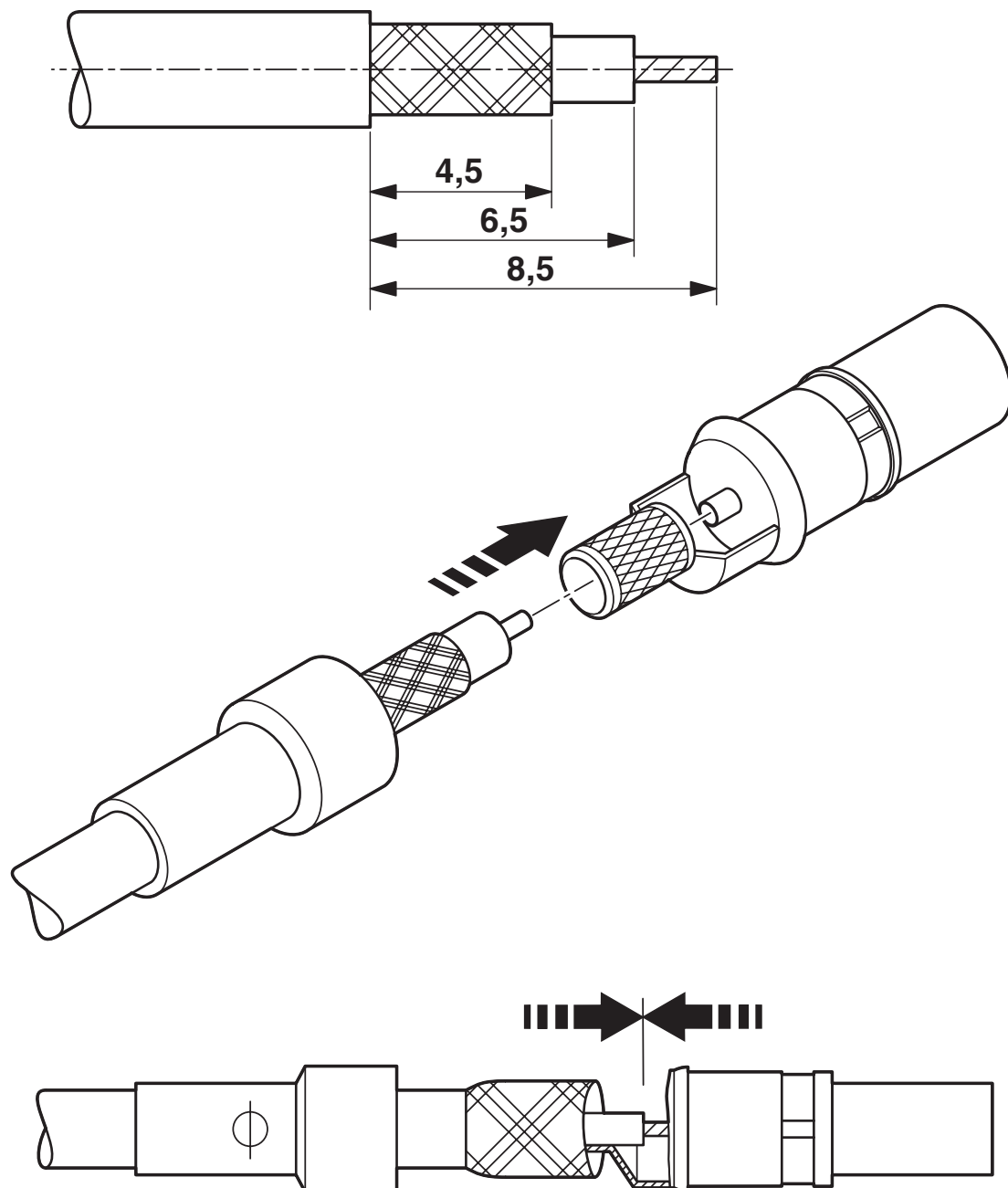
Environmental and real-life conditions

Ambient conditions

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

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

| | |
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| ETIM 8.0 | EC000796 |
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UNSPSC

| | |
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| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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Environmental product compliance

| | |
|--|--|
| 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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