

# CK2,5-ED-0,50BU AG - Crimp contact



1663640

<https://www.phoenixcontact.com/us/products/1663640>

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Crimp contact, series: HC-M-06, Socket, turned, contact diameter: 2.5 mm, connection cross section: 0.5 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>, AWG 20...20, contact material: Cu alloy

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1663640       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 100 pc        |
| Sales key                            | BF65          |
| Product key                          | AF7AID        |
| GTIN                                 | 4017918123451 |
| Weight per piece (including packing) | 1.608 g       |
| Weight per piece (excluding packing) | 1.608 g       |
| Customs tariff number                | 85366990      |
| Country of origin                    | DE            |

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## Technical data

### Notes

|               |  |
|---------------|--|
| General       | 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.   |

### Product properties

|                       |               |
|-----------------------|---------------|
| Product type          | Crimp contact |
| Series                | HC-M-06       |
|                       | HC-M-HV       |
|                       | HC-M-08       |
|                       | HC-A          |
|                       | HC-BB         |
|                       | HC-B          |
|                       | HC-HV         |
|                       | HC-M-20       |
|                       | HC-K          |
|                       | HC-BBB        |
|                       | HC-Q          |
| HC-COM                |               |
| Contact material type | turned        |

### Connection data

#### Connection technology

|                         |                  |
|-------------------------|------------------|
| Contact connection type | Socket           |
| Connection method       | Crimp connection |

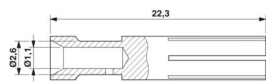
#### Conductor connection

|                              |   |
|------------------------------|---|
| Stripping length             | 7.5 mm (9.5 mm at HC-M-HV...)               |
| Connection cross section     | 0.5 mm <sup>2</sup> ... 0.5 mm <sup>2</sup> |
| Connection cross section AWG | 20 ... 20                                   |

### Material specifications

|                          |          |
|--------------------------|----------|
| Material Contact         | Cu alloy |
| Material Contact surface | Ag       |

### Dimensions

|                             |  |
|-----------------------------|--|
| Dimensional drawing         |  |
| Diameter (Contact diameter) | 2.5 mm   |

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## Mechanical properties

### Mechanical data

|                             |       |
|-----------------------------|-------|
| Insertion/withdrawal cycles | ≥ 500 |
|-----------------------------|-------|

## Environmental and real-life conditions

### Ambient conditions

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

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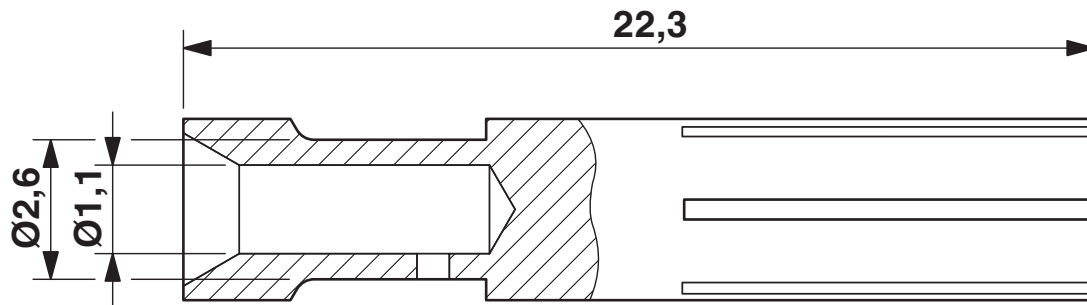


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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27440204 |
| ECLASS-15.0 | 27440204 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000796 |
|-----------|----------|

### 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% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.025 kg CO2e |
|---------|---------------|

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