

# CK2,5-ED-0,5ST CUNI - Crimp contact



1585744

<https://www.phoenixcontact.com/us/products/1585744>

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Crimp contact, series: HC-M-06; HC-M-HV; HC-M-08; HC-A; HC-BB; HC-B; HC-HV, Pin, 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: CuNi

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1585744       |
| Packing unit                         | 25 pc         |
| Minimum order quantity               | 25 pc         |
| Sales key                            | BF65          |
| Product key                          | AF7AID        |
| GTIN                                 | 4046356308243 |
| Weight per piece (including packing) | 1.4 g         |
| Weight per piece (excluding packing) | 1.3 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-A, HC-BB, HC-B and HC-HV contact inserts, the quality of a crimp connection is determined by the DIN EN 60 352-2 |
| Assembly note               | The quality of a crimp connection is determined by DIN EN 60352-2.                                                                                 |

### Product properties

|                       |                                                     |
|-----------------------|-----------------------------------------------------|
| Product type          | Thermal contact                                     |
| Series                | HC-M-06; HC-M-HV; HC-M-08; HC-A; HC-BB; HC-B; HC-HV |
| Contact material type | turned                                              |

### Connection data

#### Connection technology

|                         |                  |
|-------------------------|------------------|
| Contact connection type | Pin              |
| 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                                   |

### Dimensions

|                             |        |
|-----------------------------|--------|
| Dimensional drawing         |        |
| Width [w]                   | 4.5 mm |
| Height [h]                  | 4.5 mm |
| Depth                       | 25 mm  |
| Diameter (Contact diameter) | 2.5 mm |

### Material specifications

|                  |                   |
|------------------|-------------------|
| Material Contact | CuNi (Constantan) |
|------------------|-------------------|

### Mechanical properties

#### Mechanical data

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

### Environmental and real-life conditions

#### Ambient conditions

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

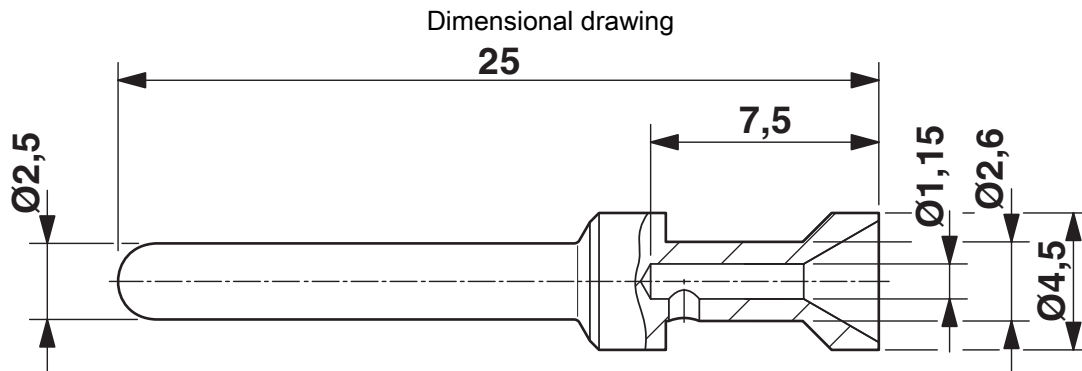
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## Drawings



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                                 | 1.037 kg CO2e                            |

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