

# CK1,6-ER-2,50BU OIC AG - Crimp contact



1004366

<https://www.phoenixcontact.com/us/products/1004366>

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Crimp contact, contact diameter: 1.6 mm, rolled, Socket, contact material: Cu alloy, nickel-plated, contact surface: silver-plated, connection cross section: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, AWG 16 ..  
. 14

## Commercial data

|                                      |                     |
|--------------------------------------|---------------------|
| Item number                          | 1004366             |
| Packing unit                         | 1 pc                |
| Minimum order quantity               | 100 pc              |
| Sales key                            | BF65                |
| Product key                          | BF7AIB              |
| Catalog page                         | Page 667 (C-2-2019) |
| GTIN                                 | 4055626472560       |
| Weight per piece (including packing) | 0.361 g             |
| Weight per piece (excluding packing) | 0.3 g               |
| Customs tariff number                | 85366990            |
| Country of origin                    | TR                  |

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## Technical data

### Notes

|         |  |
|---------|--|
| General | This product replaces 1884115 CK1,6-ER-1,50BU AG |
|---------|--|

### Mounting

|                   |                  |
|-------------------|------------------|
| Connection method | Crimp connection |
|-------------------|------------------|

### Product properties

|                       |                           |
|-----------------------|---------------------------|
| Product type          | Crimp contact             |
| Type                  | Individual female contact |
| Contact material type | rolled                    |
| Series                | HC-M-12                   |
|                       | HC-M-EMV                  |
|                       | HC-D                      |
|                       | HC-DD                     |
|                       | VC-D                      |
|                       | HC-M-03/04                |
|                       | HC-M-17                   |
|                       | HC-K                      |
|                       | HC-Q                      |
|                       | HC-COM                    |
|                       | HC-M-42                   |

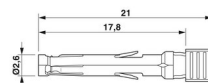
### Connection data

|   |   |
|---|---|
| Connection method                       | Crimp connection                            |
| Contact connection type                 | Socket                                      |
| Connection technology                   | Crimp connection                            |
| Conductor cross section                 | 1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Connection cross section AWG            | 16 ... 14                                   |
| Stripping length of the individual wire | 4 mm  |
| Conductor cross section flexible        | 1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
| Conductor cross section AWG             | 16 ... 14                                   |

### Material specifications

|                          |                         |
|--------------------------|-------------------------|
| Contact material         | Cu alloy, nickel-plated |
| Contact surface material | silver-plated           |

### Dimensions

|                     |  |
|---------------------|--|
| Dimensional drawing |  |
| Length              | 21 mm  |

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## Mechanical characteristics

|                  |        |
|------------------|--------|
| Contact diameter | 1.6 mm |
|------------------|--------|

## Mechanical properties

### Mechanical data

|                             |      |
|-----------------------------|------|
| Insertion/withdrawal cycles | ≥ 50 |
|-----------------------------|------|

## Environmental and real-life conditions

### Ambient conditions

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

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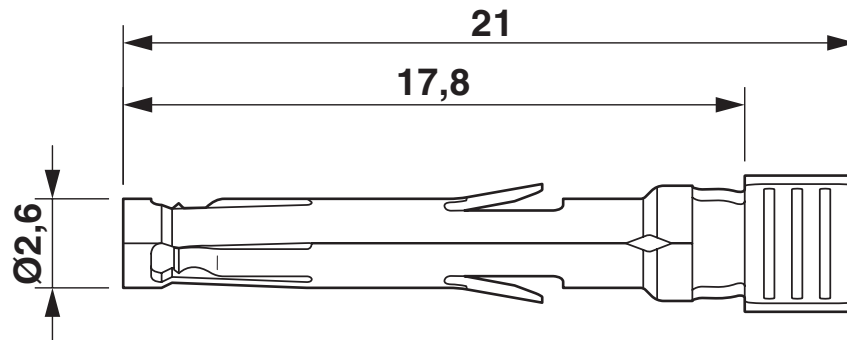
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## Drawings

Dimensional drawing



Dimensional drawing

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440204 |
| ECLASS-12.0 | 27440204 |
| ECLASS-13.0 | 27440204 |

### ETIM

|          |          |
|----------|----------|
| ETIM 8.0 | EC000796 |
|----------|----------|

### 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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### Accessories

#### CK1,6-ER-2,50ST OIC AG - Crimp contact

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#### CRIMPFOX-P CK 1.6 ER 2.5 OIC-L - Crimping pliers

1069228

<https://www.phoenixcontact.com/us/products/1069228>



Crimping pliers, for rolled contacts CK 1,6-ER... OIC, cross section: 0.14 ... 2.5 mm<sup>2</sup>. Unlockable pressure lock, precise parallel crimping, front entry, B crimp, incl. positioning tool

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## UNIFOX MT-CK 1.6/2.5 - Assembly tool

1089092

<https://www.phoenixcontact.com/us/products/1089092>

Assembly tool, for CK 1.6... crimp contacts for small conductor cross sections



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## UNIFOX RT-CK 1.6 - Contact removal tool

1072069

<https://www.phoenixcontact.com/us/products/1072069>

Contact removal tool, for turned and rolled CK- 1.6-... contacts



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