

# CK1,6-ER-1,00ST OIC AG - Crimp contact



1004360

<https://www.phoenixcontact.com/us/products/1004360>

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Crimp contact, series: HC-M-12, Pin, rolled, contact diameter: 1.6 mm, connection cross section: 0.34 mm<sup>2</sup> ... 1 mm<sup>2</sup>, AWG 22...17, contact material: Cu alloy

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1004360       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 100 pc        |
| Sales key                            | BF65          |
| Product key                          | AF7AIB        |
| GTIN                                 | 4055626472539 |
| Weight per piece (including packing) | 0.353 g       |
| Weight per piece (excluding packing) | 0.35 g        |
| Customs tariff number                | 85366990      |
| Country of origin                    | TR            |

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## Technical data

### Product properties

|                       |               |
|-----------------------|---------------|
| Product type          | Crimp contact |
| 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       |
| HC-M-08-MBIT          |               |
| Contact material type | rolled        |

### Connection data

#### Connection technology

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

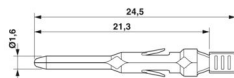
#### Conductor connection

|                              |  |
|------------------------------|--|
| Stripping length             | 4 mm                                       |
| Connection cross section     | 0.34 mm <sup>2</sup> ... 1 mm <sup>2</sup> |
| Connection cross section AWG | 22 ... 17                                  |

### Material specifications

|                          |                          |
|--------------------------|--------------------------|
| Material Contact         | Cu alloy (nickel-plated) |
| Material Contact surface | Ag                       |

### Dimensions

|                             |  |
|-----------------------------|--|
| Dimensional drawing         |  |
| Width [w]                   | 3.3 mm   |
| Length [l]                  | 24.5 mm  |
| Diameter (Contact diameter) | 1.6 mm   |

### Mechanical properties

#### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

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

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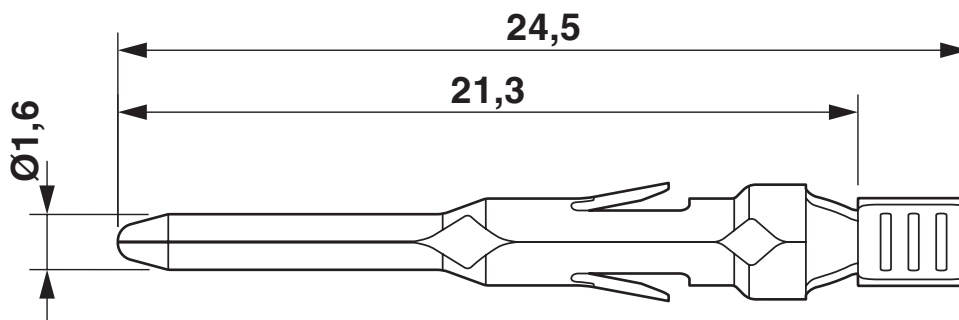


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## Drawings

Dimensional drawing



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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 | 0.013 kg CO2e |
|---------|---------------|

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)