

# HC-12S2000 - Crimp contact



1623431

<https://www.phoenixcontact.com/us/products/1623431>

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Crimp contact, Socket, turned, contact diameter: 1 mm, crimp range: 0.14 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1244902

## Your advantages

- Crimping connection: vibration- and temperature-resistant assembly

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1623431       |
| Packing unit                         | 100 pc        |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB36          |
| Product key                          | ABREAD        |
| GTIN                                 | 4055626274218 |
| Weight per piece (including packing) | 0.228 g       |
| Weight per piece (excluding packing) | 0.2 g         |
| Customs tariff number                | 85366990      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|                       |               |
|-----------------------|---------------|
| Product type          | Crimp contact |
| Contact material type | turned        |

### Connection data

|                         |                       |
|-------------------------|-----------------------|
| Connection method       | Crimp connection      |
| Contact connection type | Socket                |
| Conductor cross section | 0.14 mm² ... 0.56 mm² |

### Material specifications

|                  |                                            |
|------------------|--------------------------------------------|
| Contact surface  | Nickel-plated (Ni), with gold coating (Au) |
| Contact material | CuZn                                       |

### Dimensions

#### Mechanical characteristics

|                  |      |
|------------------|------|
| Contact diameter | 1 mm |
|------------------|------|

### Mechanical properties

#### Mechanical data

|                             |     |
|-----------------------------|-----|
| Insertion/withdrawal cycles | 100 |
|-----------------------------|-----|

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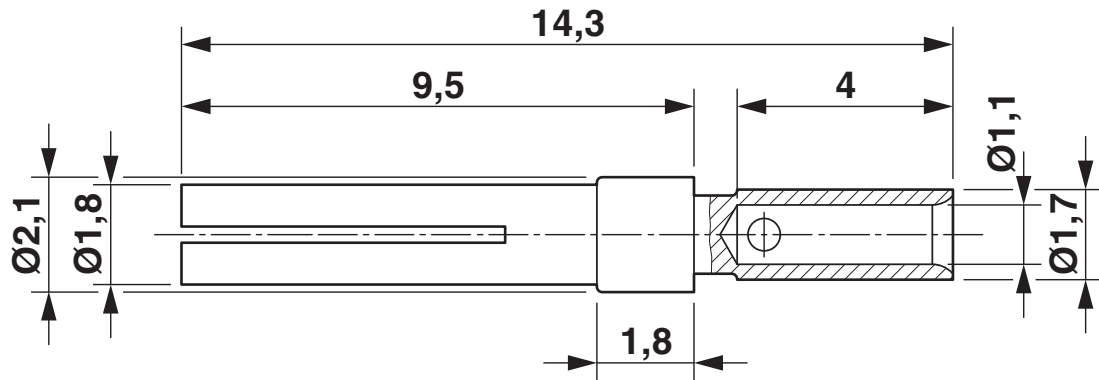
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## Drawings

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

|                                         |      |
|-----------------------------------------|------|
| EU RoHS                                 |      |
| Fulfills EU RoHS substance requirements | Yes  |
| Exemption                               | 6(c) |

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| China RoHS                             |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP) | EFUP-50                                                                                                                                                                                                                           |
|                                        | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| EU REACH SVHC                       |                                      |
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1)                 |
| SCIP                                | c1f4b113-71ed-4ebb-a10e-f2c2583b1b94 |

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## Accessories

### CRIMPTOOL-TC/0,06...2,50QMM - Crimping pliers with digital display

1634155

<https://www.phoenixcontact.com/us/products/1634155>



Crimping pliers for turned crimp contacts Ø 0.6 mm/Ø 0.8 mm/Ø 1 mm/Ø 1.5 mm/Ø 2 mm, litz wire cross-section: 0.06 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>. The locators and positioning pins to be used (see crimping pliers instructions) are included in the scope of supply.

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### RC-Z2097 - Contact insertion and removal tool

1604251

<https://www.phoenixcontact.com/us/products/1604251>



Insertion and removal tool for RC crimp contacts for pin/socket, diameter: 1 mm, connection cross-section: 0.08 mm<sup>2</sup> ... 0.56 mm<sup>2</sup>

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## RC-Z2494 - Contact insertion and removal tool

1614123

<https://www.phoenixcontact.com/us/products/1614123>



Positioning and removal tool for RC crimp contacts, pin/socket diameter: 1 mm

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