

# RC-5AP2000 - Crimp contact



1603505

<https://www.phoenixcontact.com/us/products/1603505>

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Crimp contact, Pin, turned, contact diameter: 2 mm, connection cross section: 1.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>, contact material: CuZn, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241634

## Your advantages

- Crimping connection: vibration- and temperature-resistant assembly
- High tensile strength of the connection
- Low contact resistance
- Easy production monitoring

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1603505       |
| Packing unit                         | 50 pc         |
| Minimum order quantity               | 50 pc         |
| Sales key                            | AB36          |
| Product key                          | ABREAG        |
| GTIN                                 | 4046356245777 |
| Weight per piece (including packing) | 0.55 g        |
| Weight per piece (excluding packing) | 0.457 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 technology

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

#### Conductor connection

|                          |                                             |
|--------------------------|---------------------------------------------|
| Connection cross section | 1.5 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> |
|--------------------------|---------------------------------------------|

### Material specifications

|                                                    |      |
|----------------------------------------------------|------|
| Material Contact                                   | CuZn |
| Material Metal surface contact area (middle layer) | Ni   |
| Material Metal surface contact area (top layer)    | Au   |

### Dimensions

|                             |      |
|-----------------------------|------|
| Diameter (Contact diameter) | 2 mm |
|-----------------------------|------|

### Mechanical properties

#### Mechanical data

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

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## Classifications

### ECLASS

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

### ETIM

|          |          |
|----------|----------|
| ETIM 9.0 | 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                                | 3e1751b2-8e9c-4432-863d-8e52b654a7e9 |

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