

RC-5AS2000 - Crimp contact



1603509

<https://www.phoenixcontact.com/us/products/1603509>

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Crimp contact, Socket, turned, contact diameter: 2 mm, connection cross section: 1.5 mm² ... 2.5 mm², contact material: CuZn, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1241635

The figure may differ depending on the connection area

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 | 1603509 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | AB36 |
| Product key | ABREAG |
| GTIN | 4046356245791 |
| Weight per piece (including packing) | 0.564 g |
| Weight per piece (excluding packing) | 0.47 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 | Socket |
| Connection method | Crimp connection |

Conductor connection

| | |
|--------------------------|---|
| Connection cross section | 1.5 mm ² ... 2.5 mm ² |
|--------------------------|---|

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 10.0 | 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 | bbf97c26-b8a3-4965-b253-b92f97aef8c3 |

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