

# ST-10KS035 - Crimp contact



1618464

<https://www.phoenixcontact.com/us/products/1618464>

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Crimp contact, Socket, turned, contact diameter: 1 mm, crimp range: 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1243216

## 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                          | 1618464            |
| Packing unit                         | 100 pc             |
| Minimum order quantity               | 100 pc             |
| Sales key                            | AB36               |
| Product key                          | ABREAD             |
| Catalog page                         | Page 70 (C-2-2019) |
| GTIN                                 | 4055626053516      |
| Weight per piece (including packing) | 0.249 g            |
| Weight per piece (excluding packing) | 0.249 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 | 0.25 mm <sup>2</sup> ... 1 mm <sup>2</sup> |

### 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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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-11.0 | 27440204 |
| ECLASS-12.0 | 27440204 |
| ECLASS-13.0 | 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                                | 386c3932-1a4d-4493-9ee4-93ab7b1cc0fd |

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