

# SM-20KP006 - Crimp contact

1605738

<https://www.phoenixcontact.com/za/products/1605738>



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Crimp contact, Pin, turned, Single contact, contact diameter: 2 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. : 1241968

## 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                          | 1605738             |
| Packing unit                         | 50 pc               |
| Minimum order quantity               | 1 pc                |
| Sales key                            | 144                 |
| Product key                          | ABREAG              |
| Catalog page                         | Page 169 (C-2-2019) |
| GTIN                                 | 4046356182294       |
| Weight per piece (including packing) | 1,452 g             |
| Weight per piece (excluding packing) | 1,452 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 | Pin                                        |
| 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 | 2 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                                    | 8118d9e5-b520-4a62-8bd5-7f8879448072                                                                                                                                                                                              |

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