# SF-20KP011 - Crimp contact

1050147

https://www.phoenixcontact.com/us/products/1050147

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The figure may differ depending on the connection area

Crimp contact, Pin, turned, contact diameter: 2 mm, connection cross section: 0.25 $mm^2$ ... 1 $mm^2$, contact material: CuZn, Alternative product in accordance with RoHS II without Exemption 6c (Pb < 0.1 %) item no.: 1238179

## 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 | 1050147 |
| Packing unit | 50 pc |
| Minimum order quantity | 50 pc |
| Sales key | AB38 |
| Product key | ABREAG |
| GTIN | 4055626743561 |
| Weight per piece (including packing) | 0.941 g |
| Weight per piece (excluding packing) | 0.87 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |

# 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 | 0.25 mm² ... 1 mm² |

## 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 |

## Classifications

### ECLASS

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

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000796 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121500 |

## 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 | 8aaac81a-7cae-4e38-88f2-c9236ccf2883 |


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