

## Contact insert - RC-07P1N120000 - 1594263

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Contact insert, number of positions: 7, type of contact: Pin, Solder connection

The figure shows the 6-pos. product version



### Key Commercial Data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 10 pc                                                                                                   |
| Minimum order quantity | 10 pc                                                                                                   |
| GTIN                   | <br>4 046356 200431 |
| GTIN                   | 4046356200431                                                                                           |

### Technical data

#### General

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Insertion/withdrawal cycles mechanical             | 50                   |
| Direction of rotation of contact chamber numbering | Standard             |
| Coding                                             | N                    |
| Contact connection method                          | Solder connection    |
| Type of contacts                                   | Pin                  |
| Number of positions                                | 7                    |
| Contact diameter of power contacts                 | 2 mm                 |
| Litz wire cross section of power contacts min.     | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max.     | 2.5 mm <sup>2</sup>  |
| Rated current for power contacts                   | 20 A                 |

#### Material

|                    |                             |
|--------------------|-----------------------------|
| Insulator material | PBT                         |
| Contact material   | CuZn                        |
| Contact surface    | Nickel-plated, gold coating |

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### Technical data

Specifications according to DIN EN 61984:2001

|                                               |         |
|-----------------------------------------------|---------|
| Nominal / operating voltage of power contacts | 48 V AC |
|                                               | 74 V DC |
| Rated surge voltage of power contacts         | 1.5 kV  |
| Overvoltage category of power contacts        | III     |
| Degree of pollution of power contacts         | 3       |

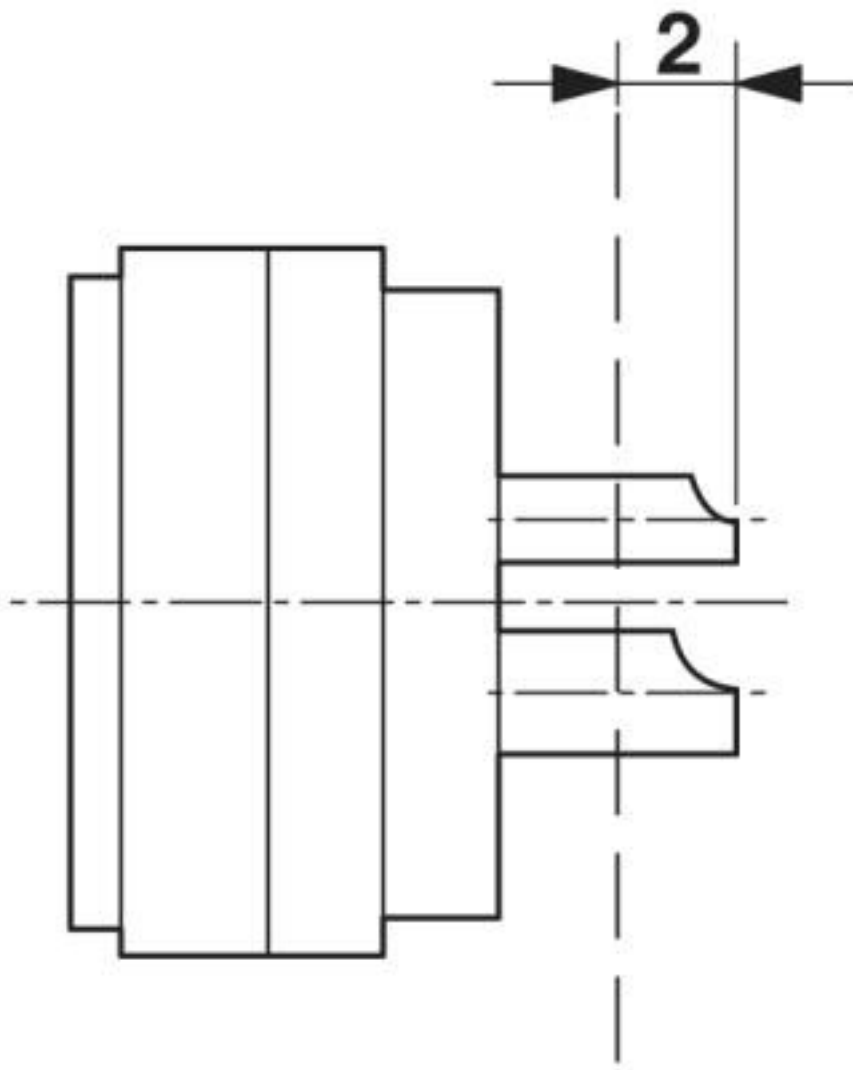
### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| China RoHS | Environmentally Friendly Use Period = 50 years                                                      |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Drawings

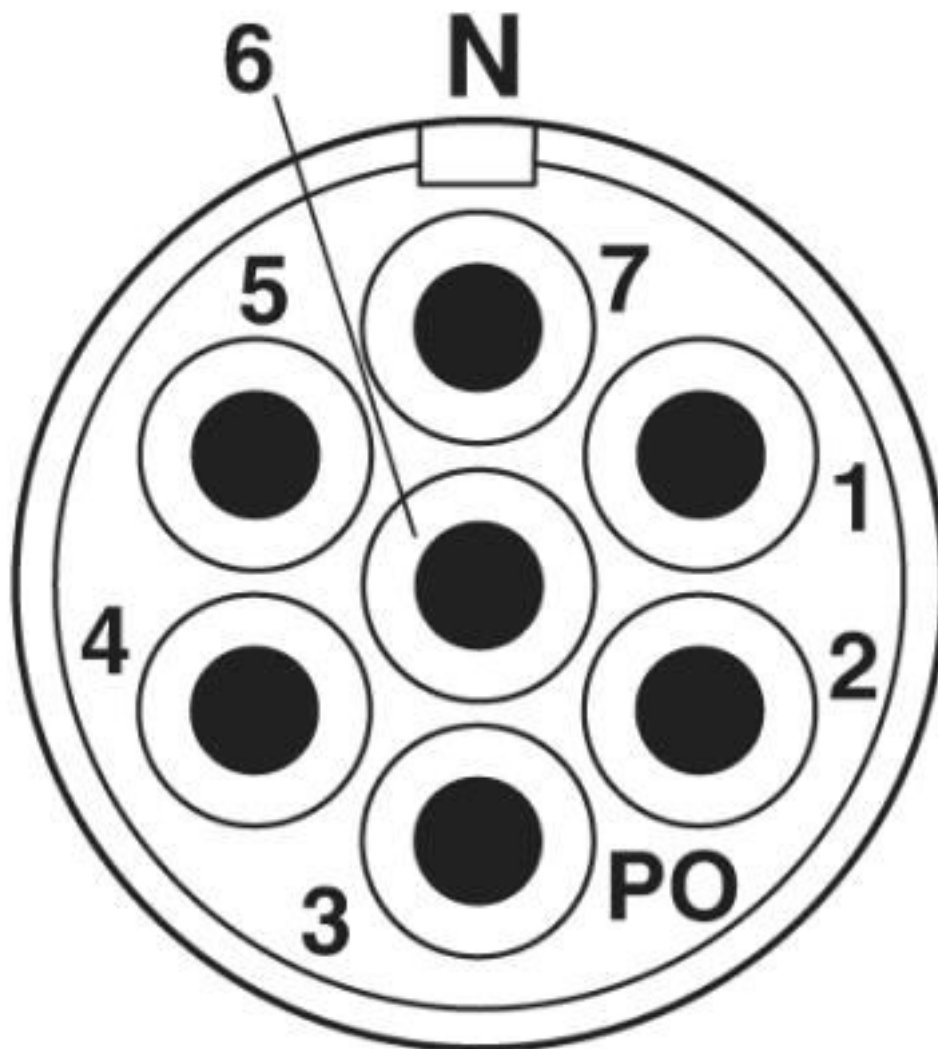
## Contact insert - RC-07P1N120000 - 1594263

Schematic diagram



## Contact insert - RC-07P1N120000 - 1594263

Schematic diagram



### Classifications

eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440205 |
| eCl@ss 11.0   | 27440223 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27261200 |
| eCl@ss 6.0    | 27261200 |
| eCl@ss 7.0    | 27440205 |
| eCl@ss 8.0    | 27440205 |
| eCl@ss 9.0    | 27440205 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC000438 |
| ETIM 6.0 | EC000438 |
| ETIM 7.0 | EC000438 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 39121522 |
| UNSPSC 18.0   | 39121522 |
| UNSPSC 19.0   | 39121522 |
| UNSPSC 20.0   | 39121522 |
| UNSPSC 21.0   | 39121522 |

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

#### Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-------------------------------------------------------------------------------------|---------|