

## Contact insert - RC-09S2N120000 - 1596535

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Contact insert, Number of positions: 8+1, Type of contact: Socket, Solder connection

The figure shows the 6-pos. product version



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 5.14 GRM |
| Custom tariff number                 | 85389099 |
| Country of origin                    | Germany  |

### Technical data

#### General

|  |                      |
|--|----------------------|
| Insertion/withdrawal cycles mechanical             | 50                   |
| Direction of rotation of contact chamber numbering | Counter direction    |
| Coding   | N                    |
| Contact connection method                          | Solder connection    |
| Type of contacts                                   | Socket               |
| Number of positions                                | 9                    |
| 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>  |
| Nominal current per power contact at 25°C          | 20 A                 |
| Contact diameter of signal contacts                | 1 mm                 |
| Litz wire cross section of signal contacts min.    | 0.08 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max.    | 1 mm <sup>2</sup>    |
| Nominal current per signal contact at 25°C         | 8 A                  |

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### Technical data

#### Material

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

#### Specifications according to DIN EN 61984:2001

|  |        |
|--|--------|
| Nominal / operating voltage of power contacts  | 300 V  |
| Rated surge voltage of power contacts          | 2.5 kV |
| Surge voltage category of power contacts       | II     |
| Pollution degree of power contacts             | 3      |
| Nominal / operating voltage of signal contacts | 300 V  |
| Surge voltage category of signal contacts      | II     |
| Pollution degree of signal contacts            | 3      |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

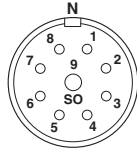
#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

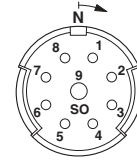
### Drawings

# Contact insert - RC-09S2N120000 - 1596535

Schematic diagram



Schematic diagram



Schematic diagram

