

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Phoenix Contact](#)  
[1607002](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

## Contact insert - RC-09P2N8L0000 - 1607002

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Contact insert, Number of positions: 8+1, Type of contact: Male connector, Crimp connection



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 3.82 GRM |
| Custom tariff number                 | 85472000 |
| Country of origin                    | Germany  |

### Technical data

#### General

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Direction of rotation of contact chamber numbering | Counter direction    |
| Coding                                             | N                    |
| Contact connection method                          | Crimp connection     |
| Type of contacts                                   | Male connector       |
| Number of positions                                | 9                    |
| Contact diameter of power contacts                 | 2 mm                 |
| Litz wire cross section of power contacts min.     | 1 mm <sup>2</sup>    |
| Litz wire cross section of power contacts max.     | 1.5 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.    | 0.14 mm <sup>2</sup> |
| Litz wire cross section of signal contacts max.    | 0.56 mm <sup>2</sup> |
| Nominal current per signal contact at 25°C         | 8 A                  |

#### Material

|                    |      |
|--------------------|------|
| Insulator material | PA66 |
|--------------------|------|

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

|                                                |        |
|------------------------------------------------|--------|
| 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  |

<https://www.phoenixcontact.com/us/products/1607002>



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### Technical data

Specifications according to DIN EN 61984:2001

|                                           |    |
|-------------------------------------------|----|
| Surge voltage category of signal contacts | II |
| Pollution degree of signal contacts       | 3  |

### Classifications

eCl@ss

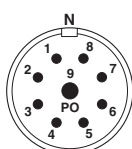
|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 272607xx |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |

ETIM

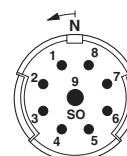
|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

### Drawings

Schematic diagram



Schematic diagram



Schematic diagram

