

## Contact insert - RC-12P1N120000 - 1596856

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Contact insert, number of positions: 12, type of contact: Pin, Solder connection

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 046356 212960 |
| GTIN         | 4046356212960                                                                                           |

### Technical data

#### General

|                                                    |                      |
|----------------------------------------------------|----------------------|
| Insertion/withdrawal cycles mechanical             | 100                  |
| Direction of rotation of contact chamber numbering | Standard             |
| Coding                                             | N                    |
| Contact connection method                          | Solder connection    |
| Type of contacts                                   | Pin                  |
| Number of positions                                | 12                   |
| Contact diameter of power contacts                 | 1 mm                 |
| Litz wire cross section of power contacts min.     | 0.08 mm <sup>2</sup> |
| Litz wire cross section of power contacts max.     | 1 mm <sup>2</sup>    |
| Nominal current per power contact at 25°C          | 8 A                  |

#### 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 | 150 V  |
| Rated surge voltage of power contacts         | 1.5 kV |

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## Technical data

Specifications according to DIN EN 61984:2001

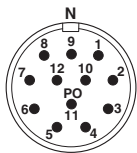
|                                         |    |
|-----------------------------------------|----|
| Overvoltage category of power contacts  | II |
| Degree of pollution of power contacts   | 3  |
| Overvoltage category of signal contacts | II |
| Degree of pollution of signal contacts  | 3  |

## Environmental Product Compliance

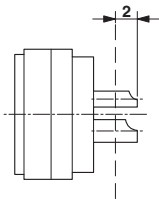
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                     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

## Drawings

Schematic diagram



Schematic diagram



## Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

|     |                                                                                     |         |
|-----|-------------------------------------------------------------------------------------|---------|
| EAC |  | B.01742 |
|-----|-------------------------------------------------------------------------------------|---------|

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

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