

## Cable connector - RC-07S1N121500 - 1594566

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Cable connector, straight, shielded: no, Screw locking, M23, No. of pos.: 7, type of contact: Socket, Solder connection, cable diameter range: 6 mm ... 10 mm

The figure shows the 12-pos.  
product version

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 20 pc                                                                                                   |
| GTIN         | <br>4 046356 202152 |
| GTIN         | 4046356202152                                                                                           |

### Technical data

#### Data of the insulating body

|                                                |                      |
|------------------------------------------------|----------------------|
| Coding                                         | N                    |
| Insertion/withdrawal cycles mechanical         | 50                   |
| Contact connection method                      | Solder connection    |
| Type of contacts                               | Socket               |
| Application                                    | Signal               |
| 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>  |
| Nominal current per power contact at 25°C      | 20 A                 |
| Nominal voltage, power contact                 | 300 V                |
| Rated surge voltage                            | 2.5 kV               |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |

# Cable connector - RC-07S1N121500 - 1594566

## Technical data

### Housing data

|                                        |               |
|----------------------------------------|---------------|
| Housing material                       | Metal         |
| Type of locking                        | Screw locking |
| Degree of protection (when plugged in) | IP65          |
|                                        | IP67          |
| Thread type                            | M23           |

### Cable seal data

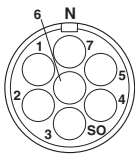
|                |                |
|----------------|----------------|
| Cable diameter | 6 mm ... 10 mm |
|----------------|----------------|

### Environmental Product Compliance

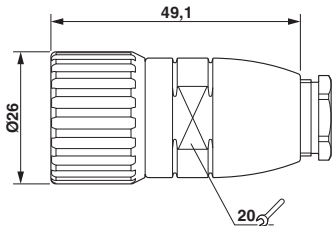
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                     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

## Drawings

Schematic diagram



Dimensional drawing



## Approvals

### Approvals

Approvals

EAC

Ex Approvals

### Approval details

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

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