

## Cable connector - RC-12S1N1280AP - 1598617

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Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 12, type of contact: Socket, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 20 pc                                                                                                   |
| GTIN         | <br>4 046356 221658 |
| GTIN         | 4046356221658                                                                                           |

### 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                            | 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                  |
| Nominal voltage, power contact                 | 150 V                |
| Rated surge voltage                            | 1.5 kV               |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |
| Overvoltage category                           | II                   |
| Degree of pollution                            | 3                    |

#### Housing data

# Cable connector - RC-12S1N1280AP - 1598617

## Technical data

### Housing data

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

### Cable seal data

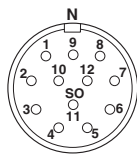
|                           |                   |
|---------------------------|-------------------|
| Cable diameter            | 5.5 mm ... 6.5 mm |
| Litz wire bundle diameter | 4.1 mm            |

### Environmental Product Compliance

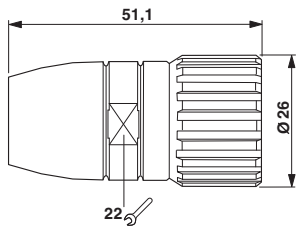
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                                                                      |
| 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

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Approvals

EAC

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Ex Approvals

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### Approval details

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

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