

## RC-19S1N126000L - 1602805

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Device connector with M20 x 1.5 screw-in thread, straight, shielded: yes, Screw locking, M23, No. of pos.: 16+3, type of contact: Socket, Solder connection, Axial seal, Central fixing, Panel thickness min.: 0.8 mm, Panel thickness max.: 6.5 mm

The figure shows the 12-pos.  
product version

RoHS

### Key Commercial Data

|              |                                                                                                         |
|--------------|---------------------------------------------------------------------------------------------------------|
| Packing unit | 10 pc                                                                                                   |
| GTIN         | <br>4 046356 241717 |
| GTIN         | 4046356241717                                                                                           |

### 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                             | 19                   |
| Contact diameter of power contacts              | 1.5 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       | 10 A                 |
| Nominal voltage, power contact                  | 150 V                |
| Rated surge voltage                             | 1.5 kV               |
| Overvoltage category                            | II                   |
| Degree of pollution                             | 3                    |
| Contact diameter of signal contacts             | 1 mm                 |
| Litz wire cross section of signal contacts min. | 0.08 mm <sup>2</sup> |

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## Technical data

### Data of the insulating body

|                                                 |                   |
|-------------------------------------------------|-------------------|
| Litz wire cross section of signal contacts max. | 1 mm <sup>2</sup> |
| Nominal current per signal contact at 25°C      | 8 A               |
| Nominal voltage, signal contact                 | 150 V             |
| Overvoltage category                            | II                |
| Degree of pollution                             | 3                 |

### Housing data

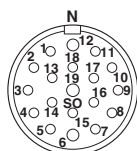
|                                        |               |
|----------------------------------------|---------------|
| Housing material                       | Metal         |
| Type of locking                        | Screw locking |
| Degree of protection (when plugged in) | IP67          |
| Thread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

### Environmental Product Compliance

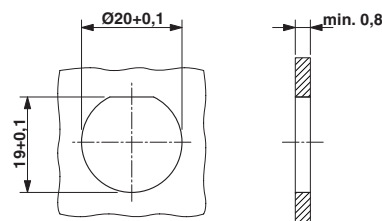
|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                     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

## Drawings

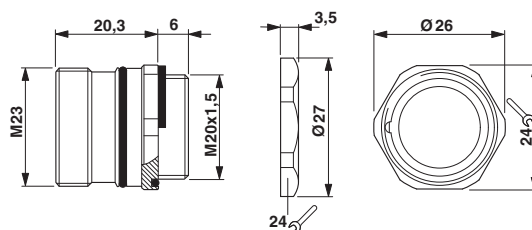
Schematic diagram



Dimensional drawing



Dimensional drawing



## Approvals

### Approvals

## RC-19S1N126000L - 1602805

### Approvals

Approvals

EAC

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Ex Approvals

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### Approval details

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

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