

## Cable connector - RC-06P1N1280AX - 1621204

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Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 6, type of contact: Pin, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm

The figure shows the 12-pos. product version



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 20 pc   |
| GTIN         | <br>4 046356 895941 |
| GTIN         | 4046356895941   |

### Technical data

#### Data of the insulating body

|  |                      |
|--|----------------------|
| Coding   | N                    |
| Insertion/withdrawal cycles mechanical         | 50                   |
| Contact connection method                      | Solder connection    |
| Type of contacts                               | Pin                  |
| Application                                    | Signal               |
| Number of positions                            | 6                    |
| 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                    |

#### Housing data

|                  |               |
|------------------|---------------|
| Housing material | Metal         |
| Type of locking  | Screw locking |

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## Technical data

### Housing data

|  |      |
|--|------|
| Degree of protection (when plugged in) | IP67 |
| Thread type                            | M23  |

### Cable seal data

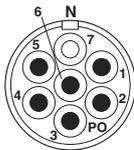
|                           |                   |
|---------------------------|-------------------|
| Cable diameter            | 5.5 mm ... 6.5 mm |
| Litz wire bundle diameter | 4.9 mm            |

### Environmental Product Compliance

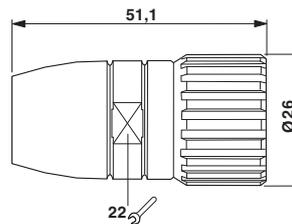
|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## 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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