

## Cable connector - RC-07P1N1280U7 - 1616031

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Cable connector, straight, shielded: yes, Screw locking, M23, No. of pos.: 7, type of contact: Pin, Solder connection, cable diameter range: 5.5 mm ... 6.5 mm

**RoHS**

### Key Commercial Data

Packing unit	20 pc
GTIN	 4 046356 492577
GTIN	4046356492577

### 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	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

#### Housing data

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

#### Cable seal data

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### Technical data

#### Cable seal data

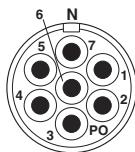
Cable diameter	5.5 mm ... 6.5 mm
Litz wire bundle diameter	3.2 mm

#### Environmental Product Compliance

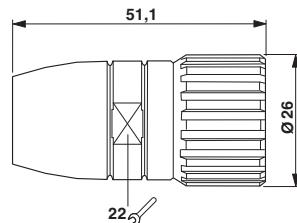
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### 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



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