

## Cable connector - CA-07S1N12T007 - 1620258

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



The figure shows the 6-pos. product version

### Your advantages

- Angled cable outlet for confined spaces
- Can be adapted to various applications, thanks to adjustable cable outlet direction
- Safe use in the field, thanks to high degree of protection
- Connector for flexible on-site assembly
- Consistent EMC protection for reliable transmission of signals
- Solder connection: proven connection technology for various litz wires

### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356818254

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 125 °C
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#### Data of the insulating body

Coding	N
Insulator material	PBT
Contact material	CuZn
Contact surface material	Ni/Au
Insertion/withdrawal cycles mechanical	100
Contact connection method	Solder connection
Type of contacts	Socket

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## Technical data

### Data of the insulating body

Application	Signal
Number of positions	7
Contact diameter of signal contacts	2 mm
Litz wire cross section of signal contacts max.	2.5 mm <sup>2</sup>
Nominal current per signal contact at 25°C	20 A
Nominal voltage, signal contact	300 V
Rated surge voltage	2.5 kV
Overvoltage category	II
Degree of pollution	3

### Housing data

Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
Thread type	M23

### Cable seal data

Cable diameter	6 mm ... 10 mm
Sealing material	NBR

### Environmental Product Compliance

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

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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### Approval details

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### Approvals

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210
Nominal voltage UN		300 V
Nominal current IN		20 A
mm <sup>2</sup> /AWG/kcmil		14

cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E335019-20141210
Nominal voltage UN		300 V
Nominal current IN		10 A
mm <sup>2</sup> /AWG/kcmil		14

cULus Recognized		
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