



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Cable connector - CA-09P1N8AT006S - 1619413

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Cable connector, angled, shielded: yes, SPEEDCON locking, M23, No. of pos.: 8+1, type of contact: Pin, Crimp connection, cable diameter range: 4 mm ... 6 mm




The figure shows the 6-pos. product version with solder contacts

### Why buy this product

- ✓ 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
- ✓ Reduced connection time with SPEEDCON fast locking system
- ✓ Crimping connection: vibration- and temperature-resistant assembly



### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 1 STK   |
| GTIN         | <br>4 046356 824347 |
| GTIN         | 4046356824347   |

### Technical data

#### Temperature range

|                                 |                   |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

#### Data of the insulating body

|                           |  |
|---------------------------|--|
| Note                      | Order information: Order crimp contacts separately |
| Coding                    | N  |
| Insulator material        | PA 6.6   |
| Contact connection method | Crimp connection                                   |
| Type of contacts          | Pin  |
| Application               | Signal   |

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## Technical data

### Data of the insulating body

|  |        |
|--|--------|
| Number of positions                        | 9      |
| Contact diameter of power contacts         | 1 mm   |
| Nominal current per power contact at 25°C  | 8 A    |
| Nominal voltage, power contact             | 300 V  |
| Rated surge voltage                        | 2.5 kV |
| Contact diameter of signal contacts        | 2 mm   |
| Nominal current per signal contact at 25°C | 20 A   |
| Nominal voltage, signal contact            | 300 V  |
| Overvoltage category                       | II     |
| Degree of pollution                        | 3      |

### Housing data

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

### Cable seal data

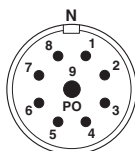
|                  |               |
|------------------|---------------|
| Cable diameter   | 4 mm ... 6 mm |
| Sealing material | NBR           |

### Environmental Product Compliance

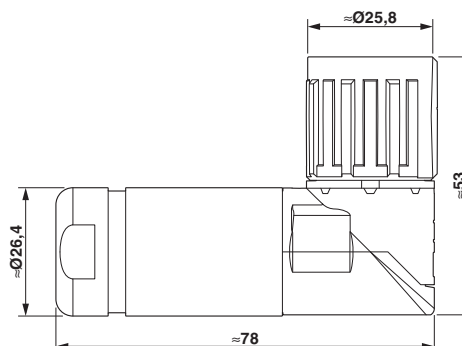
|            |   |
|------------|---|
| REACH SVHC | Lead 7439-92-1  |
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Schematic diagram



Dimensional drawing



## Approvals

### Approvals

## Cable connector - CA-09P1N8AT006S - 1619413


### Approvals


#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |   |  |
|--------------------|---|--|
| 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 | 6 A   |  |
| mm²/AWG/kcmil      | 20  |  |

|                    |   |  |
|--------------------|---|--|
| 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 | 4 A   |  |
| mm²/AWG/kcmil      | 20  |  |

|                  |   |
|------------------|---|
| cULus Recognized |  |
|------------------|---|

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