



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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## Device connector, front mounting - CA-07S1N126Z00 - 1619899

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Device connector for front wall, straight, shielded: yes, SPEEDCON locking, M23, Number of positions: 7, Type of contact: Socket, Solder connection, Seal, axial, Central fastening Pg13,5

The figure shows the 6-pos. product version



### Key Commercial Data

|                      |          |
|----------------------|----------|
| Packing unit         | 1 pc     |
| Custom tariff number | 85366990 |
| Country of origin    | Germany  |

### Technical data

#### Temperature range

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

#### Data of the insulating body

|                                                |                      |
|------------------------------------------------|----------------------|
| Coding                                         | N                    |
| Insulator material                             | PBT                  |
| Contact material                               | CuZn                 |
| Contact surface material                       | Ni/Au                |
| Contact connection method                      | Solder connection    |
| Type of contacts                               | Socket               |
| 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                |
| Overvoltage category                           | II                   |

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### Technical data

#### Data of the insulating body

|                     |   |
|---------------------|---|
| Degree of pollution | 3 |
|---------------------|---|

#### Housing data

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

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440103 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002635 |
| ETIM 5.0 | EC002061 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |
| UNSPSC 12.01  | 43201404 |
| UNSPSC 13.2   | 43201404 |

### Approvals

#### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

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## Device connector, front mounting - CA-07S1N126Z00 - 1619899

### Approvals

Ex Approvals

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Approvals submitted

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### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
|                                                                                                 |       |
| mm²/AWG/kcmil                                                                                   | 14    |
| Nominal current I <sub>N</sub>                                                                  | 20 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
|                                                                                                    |       |
| mm²/AWG/kcmil                                                                                      | 14    |
| Nominal current I <sub>N</sub>                                                                     | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V |

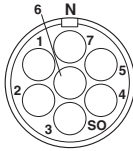
|     |
|-----|
| EAC |
|-----|

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

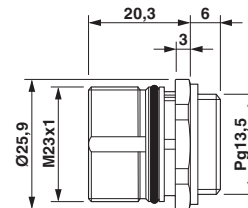
### Drawings

## Device connector, front mounting - CA-07S1N126Z00 - 1619899

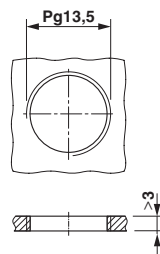
Schematic diagram



Dimensional drawing



Dimensional drawing



### Installation dimensions

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