



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-07S1N8A80DN - 1619770

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Cable connector, straight, shielded: yes, Screw locking, M23, Number of positions: 7, Type of contact: Socket, Crimp connection, Cable diameter: 3 mm ... 14.5 mm

The figure shows the 6-pos. product version

### Product Features

- 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
- Crimping connection: vibration- and temperature-resistant assembly



### 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

|                                           |                                                          |
|-------------------------------------------|----------------------------------------------------------|
| Note                                      | Order information Order crimp contacts Ø 2 mm separately |
| Coding                                    | N                                                        |
| Insulator material                        | PA 66                                                    |
| Contact connection method                 | Crimp connection                                         |
| Type of contacts                          | Socket                                                   |
| Number of positions                       | 7                                                        |
| Contact diameter of power contacts        | 2 mm                                                     |
| Nominal current per power contact at 25°C | 20 A                                                     |

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## Technical data

### Data of the insulating body

|                                |       |
|--------------------------------|-------|
| Nominal voltage, power contact | 300 V |
| 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

|                     |         |
|---------------------|---------|
| Min. cable diameter | 3 mm    |
| Max. cable diameter | 14.5 mm |
| Sealing material    | NBR     |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 272607xx |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260702 |
| eCl@ss 7.0 | 27440102 |
| eCl@ss 8.0 | 27440102 |

### ETIM

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

### UNSPSC

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

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### Approvals

Approvals

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Approvals

UL Recognized / cUL Recognized / EAC

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Ex Approvals

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Approvals submitted

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### Approval details

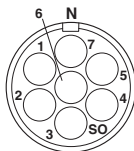
UL Recognized 

cUL Recognized 

EAC

### Drawings

Schematic diagram



Dimensional drawing

