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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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Cable connector - ST-6ES1N8A8004S - 1613580

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 6+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 8 mm...10 mm

The figure shows the 4-pos. (3+PE) product version



### Key commercial data

|                                      |           |
|--------------------------------------|-----------|
| Packing unit                         | 1 1       |
| Weight per Piece (excluding packing) | 57.87 GRM |
| Custom tariff number                 | 85366990  |
| Country of origin                    | Germany   |

### Technical data

#### General

|                                                    |                                                          |
|----------------------------------------------------|----------------------------------------------------------|
| Note                                               | Order information Order crimp contacts Ø 1 mm separately |
| Type of locking                                    | SPEEDCON locking                                         |
| Direction of rotation of contact chamber numbering | Standard                                                 |
| Coding                                             | N                                                        |
| Contact connection method                          | Crimp connection                                         |
| Type of contacts                                   | Socket                                                   |
| Number of positions                                | 7                                                        |
| Contact diameter of power contacts                 | 1 mm                                                     |
| Nominal current per power contact at 25°C          | 14 A                                                     |
| Contact diameter of signal contacts                | 1 mm                                                     |
| Conductor entry                                    | 8 mm ... 10 mm                                           |

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -20 °C ... 125 °C |
| Degree of protection | IP67              |

## Cable connector - ST-6ES1N8A8004S - 1613580

### Technical data

#### Material

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| Housing material           | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material         | PA 66                                                                |
| Gasket and O-ring material | FPM                                                                  |

#### Specifications according to DIN EN 61984:2001

|                                               |        |
|-----------------------------------------------|--------|
| Installation height max.                      | 3000 m |
| Nominal / operating voltage of power contacts | 630 V  |
| Rated surge voltage of power contacts         | 6 kV   |
| Surge voltage category of power contacts      | III    |
| Pollution degree of power contacts            | 3      |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002641 |

#### UNSPSC

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

### Approvals

#### Approvals

## Cable connector - ST-6ES1N8A8004S - 1613580

### Approvals

Approvals

GOST

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Ex Approvals

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Approvals submitted

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### Approval details

GOST 

### Accessories

Accessories

Crimp contact

Crimp contact - ST-10KS010 - 1618239



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.35 mm<sup>2</sup>...0.5 mm<sup>2</sup>

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## Cable connector - ST-6ES1N8A8004S - 1613580

### Accessories

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm<sup>2</sup>...1 mm<sup>2</sup>

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Crimp contact - SF-10KS320 - 1607031



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - SF-10KS350 - 1607032



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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Crimp contact - SF-10KS330 - 1607358



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm<sup>2</sup>...0.25 mm<sup>2</sup>

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Crimp contact - SF-10KS360 - 1607361



Crimp contact, turned, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm<sup>2</sup>...0.56 mm<sup>2</sup>

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### Protective cover

## Cable connector - ST-6ES1N8A8004S - 1613580

### Accessories

Plastic dust protection cap - ST-Z0007 - 1607777



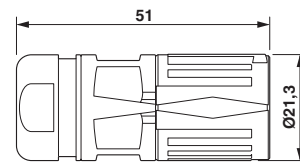
Plastic dust protection cap for connectors with M17 knurled nuts and M17 Speedcon knurled nuts

### Drawings

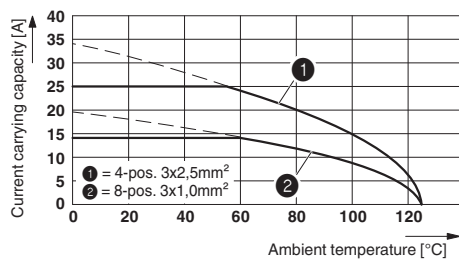
Schematic diagram



Dimensioned drawing



Diagram



Diagram

