



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 - ST-3EP1N8A8K04S - 1618575

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Cable connector, straight, SPEEDCON locking, M17, Number of positions: 3+PE, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 9 mm...11.2 mm

### Product Features

- Reduced size: ideal for compact devices
- Consistent EMC protection for reliable connection solutions in the industrial environment
- Crimping connection: vibration- and temperature-resistant assembly
- Flexible use: reliably connect various cable diameters



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 40.0 g   |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Germany  |

### Technical data

#### General

|                                                    |                                                           |
|----------------------------------------------------|-----------------------------------------------------------|
| Note                                               | Order information: Order crimp contacts Ø 2 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                                   | Male connector                                            |
| Number of positions                                | 4                                                         |
| Contact diameter of power contacts                 | 2 mm                                                      |
| Nominal current per power contact at 25°C          | 20 A                                                      |
| Contact diameter of signal contacts                | 2 mm                                                      |

## Cable connector - ST-3EP1N8A8K04S - 1618575

### Technical data

#### General

|                             |                  |
|-----------------------------|------------------|
| Conductor entry             | 9 mm ... 11.2 mm |
| Pg housing screw connection | none             |

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -40 °C ... 125 °C |
| Degree of protection | IP67              |

#### 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   |
| Overvoltage category of power contacts        | III    |
| Degree of pollution 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 | 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 |

### Approvals

#### Approvals

## Cable connector - ST-3EP1N8A8K04S - 1618575

### Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

### Approval details

|                                                                                                 |       |
|-------------------------------------------------------------------------------------------------|-------|
| UL Recognized  |       |
| mm²/AWG/kcmil                                                                                   | 14    |
| Nominal current I <sub>N</sub>                                                                  | 15 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V |

|                                                                                                    |       |
|----------------------------------------------------------------------------------------------------|-------|
| cUL Recognized  |       |
| mm²/AWG/kcmil                                                                                      | 14    |
| Nominal current I <sub>N</sub>                                                                     | 15 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 600 V |

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

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

### Drawings

## Cable connector - ST-3EP1N8A8K04S - 1618575

Schematic diagram



Dimensional drawing

