

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-5EP1N8A8004 - 1607701

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Cable connector, straight, Screw locking, M17, Number of positions: 5+PE, Type of contact: Male connector, Crimp connection, shielded: yes, Cable diameter: 8 mm...10 mm

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

### Product Features

- 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
- Molded designs with pre-assembled cables on one or both sides



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	29.41 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	Order information: Order crimp contacts Ø 1 mm separately
Type of locking	Screw locking
Direction of rotation of contact chamber numbering	Standard
Coding	N
Contact connection method	Crimp connection
Type of contacts	Male connector
Number of positions	6
Contact diameter of power contacts	1 mm
Nominal current per power contact at 25°C	14 A

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## Technical data

### General

Contact diameter of signal contacts	1 mm
Conductor entry	8 mm ... 10 mm
Pg housing screw connection	none

### Ambient conditions

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

### 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
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	EC001121
ETIM 5.0	EC002641

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404

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### Classifications

#### UNSPSC

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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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

UL Recognized 	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current IN	6 A
Nominal voltage UN	600 V

cUL Recognized 	
mm <sup>2</sup> /AWG/kcmil	1.0
Nominal current IN	6 A
Nominal voltage UN	600 V

EAC
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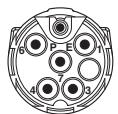
## Cable connector - ST-5EP1N8A8004 - 1607701

### Approvals

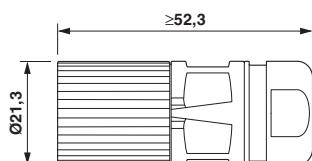
cULus Recognized 

### Drawings

Schematic diagram

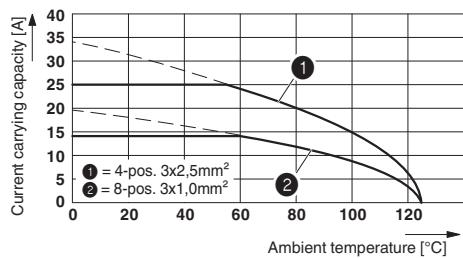


Dimensional drawing



Connector pin assignment

Diagram



Diagram

