



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!



Contact us

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

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



Cable connector - ST-7ES1N8A8004S - 1607759

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Cable connector, straight, SPEEDCON locking, M17, Number of positions: 7+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 PCE
Weight per Piece (excluding packing)	13.9 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	8
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
---------------------	-------------------

Cable connector - ST-7ES1N8A8004S - 1607759

Technical data

Ambient conditions

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
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-7ES1N8A8004S - 1607759

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

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 mm²...0.25 mm²

Crimp contact - ST-10KS020 - 1618251



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.35 mm²...0.5 mm²

Cable connector - ST-7ES1N8A8004S - 1607759

Accessories

Crimp contact - ST-10KS030 - 1618254



Crimp contact, turned, Single contact, Contact diameter: 1 mm, Crimp range: 0.5 mm²...1 mm²

Crimp contact - SF-10KS320 - 1607031



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KS350 - 1607032



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Crimp contact - SF-10KS330 - 1607358



Crimp contact, Rolled, Taped articles, Contact diameter: 1 mm, Crimp range: 0.06 mm²...0.25 mm²

Crimp contact - SF-10KS360 - 1607361



Crimp contact, turned, Taped articles, Contact diameter: 1 mm, Crimp range: 0.2 mm²...0.56 mm²

Mounting material

Cable connector - ST-7ES1N8A8004S - 1607759

Accessories

Color-coding - ST-Z0016 - 1617993



Color-coding, Color: green

Color-coding - ST-Z0017 - 1618049



Color-coding, Color: orange

Color-coding - ST-Z0018 - 1618050



Color-coding, Color: black

Protective cover

Plastic dust protection cap - ST-Z0007 - 1607777



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

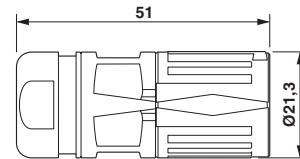
Drawings

Cable connector - ST-7ES1N8A8004S - 1607759

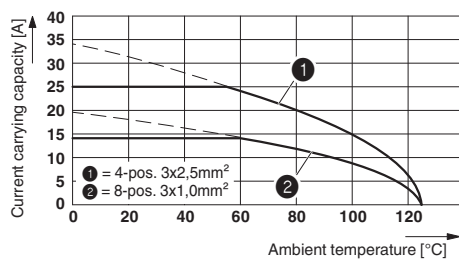
Schematic diagram



Dimensioned drawing



Diagram



Diagram

