



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 plug-in connector - SM-7ES1N8A8003 - 1605852


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Cable plug-in connector, straight short, Screw locking, M40, Number of positions: 4+3+PE, Type of contact: Socket, Crimp connection, Shielded: Yes, Cable cross section: 12.5 mm...17 mm



Key commercial data

Packing unit	1 PCE
GTIN	 4 046356 182546
Custom tariff number	85366990
Country of origin	GERMANY

Technical data

Technical data

Note	Order information Order crimp contacts 4 x Ø 2 mm, 4 x Ø 3.6 mm separately
Ambient temperature	-20 °C ... 125 °C
Type of locking	Screw locking
Degree of protection	IP67
Coding	N
Contact connection method	Crimp connection
Type of contacts	Socket
Number of positions	8
Contact diameter of power contacts	3.6 mm
Nominal current per power contact at 25°C	70 A
Contact diameter of signal contacts	2 mm
Nominal current per signal contact at 25°C	30 A
Conductor entry	12.5 mm ... 17 mm

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Technical data

Material data

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 signal contacts	630 V
Rated surge voltage of signal contacts	6 kV
Surge voltage category of signal contacts	III
Pollution degree of signal contacts	3
Nominal / operating voltage of power contacts	250 V
Rated surge voltage of power contacts	4 kV
Surge voltage category of power contacts	III
Pollution degree of power contacts	3

Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC001121
ETIM 5.0	EC001121

UNSPSC

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

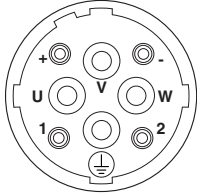
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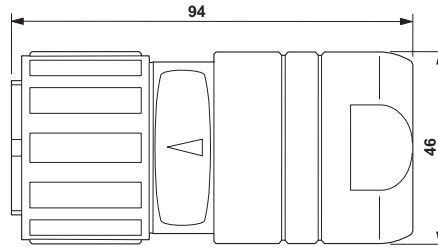
Drawings

Cable plug-in connector - SM-7ES1N8A8003 - 1605852

Schematic diagram



Dimensioned drawing



SM-...S1N8A8003

Dimensioned drawing

