

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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## Device connector, front mounting - SH-8EPS48AAD00S - 1621566

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Device connector for front wall, angled rotatable, shielded: yes, Screw locking, M23, Number of positions: 8+4+PE / 3+N+PE, Type of contact: Pin, Crimp connection, Axial O-ring, 4x Ø 3.2, Flange dimensions: 26 mm x 26 mm

The figure shows the product version with CAT5 interface

### Why buy this product

- Easy connection, thanks to infinitely adjustable cable outlet direction up to 310°
- All housing can be fitted with pin or socket contacts
- A total of eight contacts are available for signal transmission
- Safe use in the field, thanks to high degree of protection
- Consistent EMC protection for reliable connection solutions in the industrial environment

 RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 937146
GTIN	4046356937146

### Technical data

#### Temperature range

Ambient temperature (operation)	-40 °C ... 130 °C
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#### Data of the insulating body

Note	Order information: Crimp contacts, 8 x Ø 1 mm, 5 x Ø 2 mm, order separately
Coding	N
Insulator material	Polyamide (PA 6.6)
Insertion/withdrawal cycles mechanical	100
Contact connection method	Crimp connection
Type of contacts	Pin
Number of positions	13

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### Technical data

#### Data of the insulating body

Contact diameter of power contacts	2 mm
Litz wire cross section of power contacts min.	0.25 mm <sup>2</sup>
Litz wire cross section of power contacts max.	4 mm <sup>2</sup>
Nominal current per power contact at 25°C	30 A
Nominal voltage, power contact	630 V AC
Rated surge voltage	6 kV
Contact diameter of signal contacts	1 mm
Litz wire cross section of signal contacts min.	0.06 mm <sup>2</sup>
Litz wire cross section of signal contacts max.	1 mm <sup>2</sup>
Nominal current per signal contact at 25°C	8 A
Nominal voltage, signal contact	50 V
Rated surge voltage	1.5 kV
Overvoltage category	III
Degree of pollution	3

#### Housing data

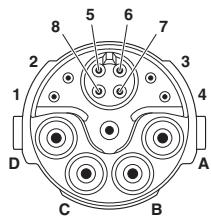
Housing material	Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn)
Flange dimensions	26 mm x 26 mm
Type of locking	Screw locking
Degree of protection (when plugged in)	IP67
	IP68
Thread type	M23

#### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

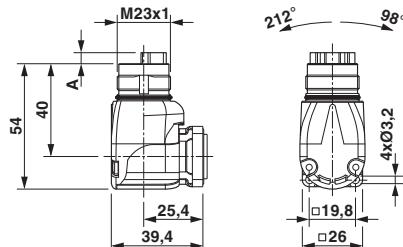
Schematic diagram



Pin assignment of pin, signal

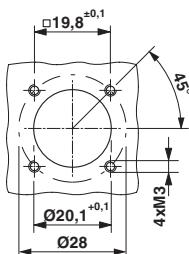
Pin version: dimension A = 4.7 mm, socket version: dimension A = 0 mm

Dimensional drawing



## Device connector, front mounting - SH-8EPS48AAD00S - 1621566

Dimensional drawing



Installation dimensions

### Approvals

#### Approvals

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Approvals

EAC

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Ex Approvals

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#### Approval details

EAC



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