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

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RJ45 socket insert - CUC-F-J1ZNI-S/R4IDC8 - 1418984

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RJ45 socket insert, contact inserts: x , type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6$_A$, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, Freenet design for use with IP67 panel mounting frame and terminal outlets

Product Description

Freenet system

Why buy this product

- ☑ assembly without special tools
- ☑ Compact design
- ☑ Rugged design

RoHS CAT6$_A$ 10 Gigabit/s PROFINET® **Ethernet**

Key Commercial Data

Packing unit	1 STK
GTIN	4 055626 251431
GTIN	4055626251431

Technical data

Mechanical characteristics

Number of positions	8
Number of slots	1
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection
Connection cross section AWG	26 ... 22 (solid)
	26 ... 22 (flexible)
External cable diameter	4.5 mm ... 9 mm
Wire diameter	0.4 mm ... 0.65 mm
Wire diameter including insulation	0.8 mm ... 1.6 mm

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Technical data

Mechanical characteristics

Insulation resistance	> 500 MΩ (100 V DC)
Degree of protection	IP20

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP20

Material data

Flammability rating according to UL 94	V0
Housing material	Zinc die-cast
Contact carrier material	PC
Contact material	CuSn
Contact surface material	Gold over nickel

Electrical characteristics

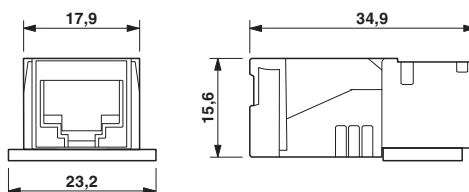| Number of positions	8
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.5 A
GRP transmission properties	$CAT6_A$
Transmission speed	10 Gbps
Frequency range	500 MHz
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Dimensional drawing

RJ45 socket insert, Freenet system

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Approvals

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UL Recognized / cUL Recognized / EAC / DNV GL / cULus Recognized

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Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 335024

EAC		B.01742

DNV GL	http://exchange.dnv.com/tari/	TAE000029B

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm