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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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# RJ45 socket insert - CUC-I-J1ZNI-S/R4IDC8 - 1417274

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RJ45 socket insert, contact inserts: x , type: RJ45, degree of protection: IP20, number of positions: 8, 10 Gbps, CAT6<sub>A</sub>, material: Zinc die-cast, connection method: IDC connection, connection cross section: AWG 26- 22, cable outlet: straight, Adapter-free design

## Why buy this product

- assembly without special tools
- Compact design
- Rugged design



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 0 5 5 6 2 6 2 5 1 4 2 4
GTIN	4055626251424

## 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
Cable outlet	straight
Mounting type	Snap in
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
No. of cable outlets	1

### Ambient conditions

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

### Material data

Housing material	Zinc die-cast
Contact carrier material	PC
Contact material	CuSn
Contact surface material	Gold over nickel

### Electrical characteristics

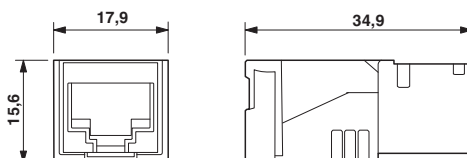
Number of positions	8
GRP transmission properties	CAT6 <sub>A</sub>
Transmission speed	10 Gbps
Frequency range	500 MHz
Rated voltage (III/3)	72 V (DC)

### 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

## Approvals

Approvals

# RJ45 socket insert - CUC-I-J1ZNI-S/R4IDC8 - 1417274

## Approvals

Approvals

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

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Ex Approvals

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### Approval details

UL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
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cUL Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 335024
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EAC			B.01742
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DNV GL		<a href="http://exchange.dnv.com/tari/">http://exchange.dnv.com/tari/</a>	TAE000029B
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	
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