



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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## RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607

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RJ45 connector, contact inserts: x , degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Zinc die-cast, connection method: IDC fast connection, connection cross section: AWG 26- 24, cable outlet: straight

### Why buy this product

- assembly without special tools
- One-Piece Design
- AWG 26-24
- 360° shielding
- High shock and vibration resistance



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 276915
GTIN	4055626276915

### Technical data

#### Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	IDC fast connection
Conductor cross section	0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.25 mm <sup>2</sup> (flexible)
Connection cross section AWG	26 ... 24 (solid) 26 ... 24 (flexible)
Max. cable diameter	5 mm ... 9 mm
External cable diameter	5 mm ... 9 mm
Cable outlet	straight

## RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607

### Technical data

#### Mechanical characteristics

Wire diameter including insulation	≤ 1.6 mm
Degree of protection	IP20
Type	RJ45, IP20
No. of cable outlets	1

#### Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
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#### Material data

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

#### Electrical characteristics

Number of positions	8
Transmission speed	1 Gbps
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Transmission speed	1 Gbps
Frequency range	to 100 MHz
Rated current	1.75 A
Overvoltage category	I
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

#### Standards and Regulations

Flammability rating according to UL 94	V0
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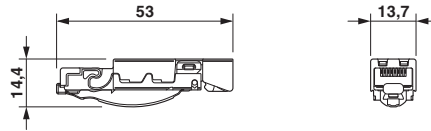
#### Environmental Product Compliance

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

### Drawings

# RJ45 connector - CUC-IND-C1ZNI-S/R4IE8 - 1421607

Dimensional drawing



RJ45 connector, IP20

## Approvals


Approvals

Approvals

cULus Recognized

Ex Approvals

## Approval details

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> E335024-20170228
Nominal voltage UN	56.5 V	
Nominal current IN	0.175 A	

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