



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-V06-C1PBK-S/R4CE8:1 - 1414408


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RJ45 connector, contact inserts: x , degree of protection: IP67, number of positions: 8, 1 Gbps, CAT6, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: black



Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 028309
GTIN	4055626028309

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Insertion/withdrawal cycles	≥ 750
Connection method	Crimp connection
Type of contact	Crimp contacts
Conductor cross section	0.1 mm ² ... 0.2 mm ² (flexible)
Connection cross section AWG	24 ... 27 (flexible)
External cable diameter	5 mm ... 8.5 mm
Cable outlet	straight
Color	black
Degree of protection	IP67
Type	RJ45, IP67, version 6
No. of cable outlets	1

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
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Material data

Flammability rating according to UL 94	V0
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RJ45 connector - CUC-V06-C1PBK-S/R4CE8:1 - 1414408

Technical data

Material data

Housing material	PA
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
O-ring material	FPM
Cable seal material	NBR

Electrical characteristics

Number of positions	8
Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT6
GRP transmission properties	CAT6 CAT6
Transmission speed	1 Gbps (250 MHz)
Frequency range	to 250 MHz
Rated current	1 A
Overvoltage category	I
Degree of pollution	2
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

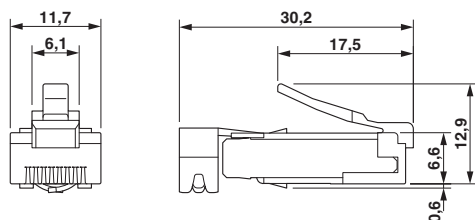
Flammability rating according to UL 94	V0
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Environmental Product Compliance

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

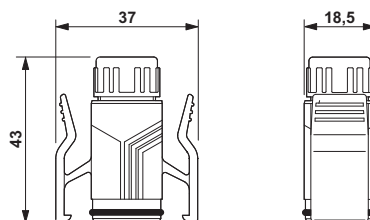
Drawings

Dimensional drawing



RJ45 male insert

Dimensional drawing



RJ45 sleeve housing IP67

Approvals

Approvals

RJ45 connector - CUC-V06-C1PBK-S/R4CE8:1 - 1414408


Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		B.01742
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