Chipsmall

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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PHŒNIX CONTACT

RJ45 connector - CUC-V06-C1PGY-S/R4CEA:1 - 1414406

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RJ45 connector, contact inserts: x , degree of protection: IP67, 10 Gbps, CAT6$_A$, material: PA, connection method: Crimp connection, connection cross section: AWG 24- 27, cable outlet: straight, color: gray

RoHS

Ethernet

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626028279

4 055626 028279

Technical data

Mechanical characteristics

Connection profile	RJ45
Insertion/withdrawal cycles	≥ 1000
Connection method	Crimp connection
Type of contact	Crimp contacts
Conductor cross section	0.1 mm² ... 0.2 mm² (flexible)
Connection cross section AWG	24 ... 27 (flexible)
External cable diameter	5 mm ... 8.5 mm
Cable outlet	straight
Color	gray
Degree of protection	IP67
Type	RJ45, IP67, version 6
No. of cable outlets	1

Ambient conditions

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

Material data

Flammability rating according to UL 94	V0
Housing material	PA

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Technical data

Material data

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

Electrical characteristics

Nominal voltage U_N	72 V (DC)
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT6$_A$
GRP transmission properties	CAT6$_A$ CAT6$_A$
Transmission speed	10 Gbps (500 MHz)
Frequency range	to 500 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

Environmental Product Compliance

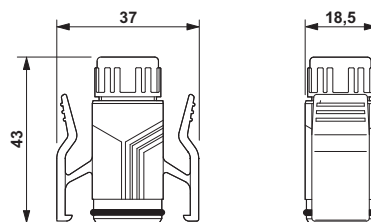|	
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing
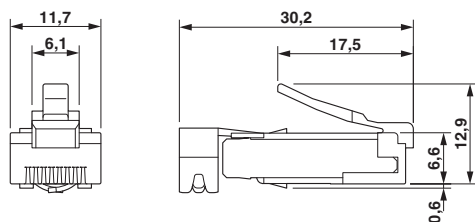
RJ45 male insert

Dimensional drawing

RJ45 sleeve housing IP67

Approvals

Approvals

Approvals

EAC

RJ45 connector - CUC-V06-C1PGY-S/R4CEA:1 - 1414406

Approvals

Ex Approvals

Approval details

EAC	EAC	B.01742

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