



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 male insert - VS-08-RJ45-10G/C - 1418853


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Male insert RJ45, CAT6A, 10 Gigabit



Key Commercial Data

Packing unit	5 STK
GTIN	 4 046356 536660
GTIN	4046356536660

Technical data

Mechanical characteristics

Number of positions	8
Connection profile	RJ45
Shielded	yes
Insertion/withdrawal cycles	≥ 750
Connection method	IDC connection technology
Type of contact	Crimp contacts
Connection cross section AWG	24 ... 27 (flexible)
Cable outlet	straight
Color	yellow
Wire diameter including insulation	0.9 mm ... 1 mm
Insulation resistance	min. 100 MΩ (100 V DC)
Degree of protection	IP20
No. of cable outlets	1

Ambient conditions

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

Material data

Flammability rating according to UL 94	V2
Contact carrier material	PC
Contact material	Phosphor bronze
Contact surface material	Gold
Height	12.9 mm

Electrical characteristics

Number of positions	8
Nominal voltage U_N	50 V
Nominal current I_N	1.75 A
Transmission characteristics (category)	CAT6 _A
GRP transmission properties	CAT6 _A CAT6 _A
Frequency range	to 500 MHz
Overvoltage category	I
Rated voltage (III/3)	72 V (DC)

Standards and Regulations

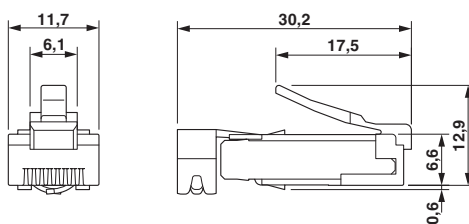
Flammability rating according to UL 94	V2
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Environmental Product Compliance

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

Drawings

Dimensional drawing



RJ45 male insert

Approvals

Approvals

Approvals

EAC

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Approvals

Ex Approvals

Approval details

EAC		B.01742
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