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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 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834


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RJ45 connector, IP67, with push/pull interlocking, plastic housing, 1 Gbps, 8-pos., QUICKON fast connection technology, for 26 ... 24 AWG 1-wire and 7-wire conductors



## Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 131902
GTIN	4046356131902

## Technical data

### Mechanical characteristics

Standards/specifications	IEC PAS 61076-3-117
Number of positions	8
Connection profile	RJ45
Locking type	Push Pull
Shielded	yes
Insertion/withdrawal cycles	≥ 500
Connection method	IDC fast connection
Conductor cross section	0.13 mm <sup>2</sup> ... 0.32 mm <sup>2</sup> (solid) 0.14 mm <sup>2</sup> ... 0.36 mm <sup>2</sup> (flexible)
Connection cross section AWG	26 ... 22 (solid) 26 ... 22 (flexible)
External cable diameter	5 mm ... 8 mm
Cable outlet	straight
Color	black
Degree of protection	IP65/IP67
No. of cable outlets	1

### Ambient conditions

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834

## Technical data

### Ambient conditions

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

Flammability rating according to UL 94	V0
Housing material	PA-GF
Contact carrier material	PC
Contact material	Copper alloy
Contact surface material	Gold over nickel
Material	Plastic
O-ring material	NBR
Cable seal material	TPE
Material housing intermediate seal	NBR
Height	30 mm

### Electrical characteristics

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002)
GRP transmission properties	CAT5 (IEC 11801:2002) CAT5 (IEC 11801:2002)
Rated current	1.75 A
Overvoltage category	I
Degree of pollution	2
Contact resistance	0.001 Ω (Wire – IDC)
	0.005 Ω (Litz wires – IDC)
Rated voltage (III/3)	72 V (DC)

### Standards and Regulations

Standards/regulations	IEC PAS 61076-3-117
Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

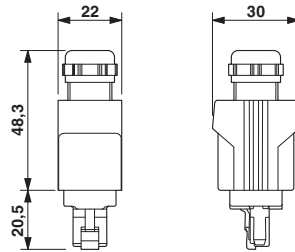
### Environmental Product Compliance

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

## Drawings

# RJ45 connector - VS-PPC-C1-RJ45-POBK-PG9-8Q5 - 1657834

Dimensional drawing



Push-pull RJ45 connector IP65/67

## Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

## 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 118976
Nominal voltage UN		50 V	
Nominal current IN		1.75 A	
mm <sup>2</sup> /AWG/kcmil		22	

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 118976
Nominal voltage UN		50 V	
Nominal current IN		1.75 A	
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EAC		B.01742
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### Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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