



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 - VS-08-RJ45-5-Q/IP20-EC - 1417401


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RJ45 connector, IP20, CAT5e, 8-pos., with QUICKON fast connection technology; with packaging for end customers; for 26 ... 23 AWG 1-wire and 7-wire conductors, for a cable diameter of 4.5 mm ... 8.0 mm, marking TIA 568 B, color: black



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 521970 |
| GTIN | 4046356521970 |

Technical data

Mechanical characteristics

| | |
|------------------------------|---|
| Number of positions | 8 |
| Connection profile | RJ45 |
| Insertion/withdrawal cycles | ≥ 1000 |
| Connection method | IDC fast connection |
| Conductor cross section | 0.13 mm ² ... 0.36 mm ² (solid) 0.14 mm ² ... 0.36 mm ² (flexible) |
| Connection cross section AWG | 26 ... 23 (solid) 26 ... 23 (flexible) |
| External cable diameter | 4.5 mm ... 8 mm |
| Cable outlet | straight |
| Color | black |
| Degree of protection | IP20 |
| No. of cable outlets | 1 |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 70 °C |
| Degree of protection | IP20 |

Material data

RJ45 connector - VS-08-RJ45-5-Q/IP20-EC - 1417401

Technical data

Material data

| | |
|--|------------------|
| Flammability rating according to UL 94 | V0 |
| Housing material | PA |
| Contact carrier material | PC |
| Contact material | Copper alloy |
| Contact surface material | Gold over nickel |
| Material | Plastic |
| Height | 14.6 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) |
| Transmission speed | 1 Gbps |
| Rated current | 1.75 A |
| Overvoltage category | I |
| Degree of pollution | 1 |
| Contact resistance | 0.001 Ω (Wire – IDC) |
| | 0.005 Ω (Litz wires – IDC) |
| Rated voltage (III/3) | 72 V (DC) |

Standards and Regulations

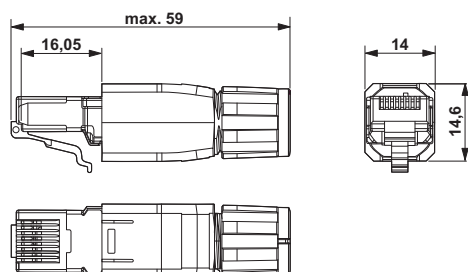
| | |
|--|----|
| Flammability rating according to UL 94 | V0 |
|--|----|

Environmental Product Compliance

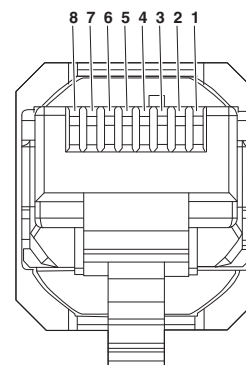
| | |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Dimensional drawing



Schematic diagram



RJ45 connector, IP20

RJ45 connector - VS-08-RJ45-5-Q/IP20-EC - 1417401

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|---|---------|
| EAC |  | B.01742 |
|-----|---|---------|

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