



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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Contact insert - RC-16S1N120000 - 1600816

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Contact insert, number of positions: 16, type of contact: Socket, Solder connection

The figure shows the 12-pos. product version

RoHS

Key Commercial Data

| | |
|------------------------|---|
| Packing unit | 10 STK |
| Minimum order quantity | 10 STK |
| GTIN |  4 046356 231855 |
| GTIN | 4046356231855 |

Technical data

General

| | |
|--|----------------------|
| Insertion/withdrawal cycles mechanical | 50 |
| Direction of rotation of contact chamber numbering | Standard |
| Coding | N |
| Contact connection method | Solder connection |
| Type of contacts | Socket |
| Number of positions | 16 |
| Contact diameter of power contacts | 1 mm |
| Litz wire cross section of power contacts min. | 0.08 mm ² |
| Litz wire cross section of power contacts max. | 1 mm ² |
| Nominal current per power contact at 25°C | 8 A |

Material

| | |
|--------------------|-----------------------------|
| Insulator material | PBT |
| Contact material | CuZn |
| Contact surface | Nickel-plated, gold coating |

Contact insert - RC-16S1N120000 - 1600816

Technical data

Specifications according to DIN EN 61984:2001

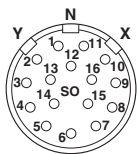
| | |
|---|--------|
| Nominal / operating voltage of power contacts | 150 V |
| Rated surge voltage of power contacts | 1.5 kV |
| Overvoltage category of power contacts | II |
| Degree of pollution of power contacts | 3 |
| Overvoltage category of signal contacts | II |
| Degree of pollution of signal contacts | 3 |

Environmental Product Compliance

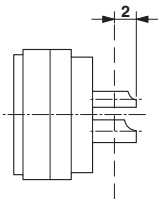
| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Schematic diagram



Schematic diagram



Approvals


Approvals

Approvals

EAC

Ex Approvals

Approval details

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

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