



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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## Device connector, front mounting - RF-17S1N8AWV00 - 1613740

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Device connector, front mounting, straight, Screw locking, M23, number of positions: 17, type of contact: Socket, Crimp connection, Axial O-ring, 4x Ø 3.2, shielded: yes

The figure shows the 12-pos.  
product version

RoHS

### Key Commercial Data

|              |   |
|--------------|---|
| Packing unit | 20 STK  |
| GTIN         | <br>4 046356 443913 |
| GTIN         | 4046356443913   |

### Technical data

#### General

|  |   |
|--|---|
| Note   | Order information: Order crimp contacts Ø 1 mm separately |
| Type of locking                                    | Screw locking   |
| Direction of rotation of contact chamber numbering | Standard  |
| Coding   | N   |
| Contact connection method                          | Crimp connection  |
| Type of contacts                                   | Socket  |
| Number of positions                                | 17  |
| Contact diameter of power contacts                 | 1 mm  |
| Nominal current per power contact at 25°C          | 8 A   |
| Pg housing screw connection                        | none  |
| Mounting type                                      | 4x Ø 3.2  |

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -20 °C ... 125 °C |
| Degree of protection | IP67              |

#### Material

# Device connector, front mounting - RF-17S1N8AWV00 - 1613740

## Technical data

### Material

|                  |                         |
|------------------|-------------------------|
| Housing material | High-grade steel 1.4305 |
|------------------|-------------------------|

### Specifications according to DIN EN 61984:2001

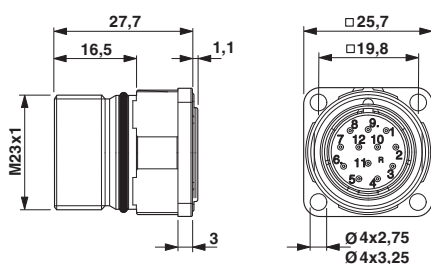
|   |        |
|---|--------|
| Installation height max.                      | 2000 m |
| Nominal / operating voltage of power contacts | 100 V  |
| Rated surge voltage of power contacts         | 1.5 kV |
| Overvoltage category of power contacts        | III    |
| Degree of pollution of power contacts         | 3      |
| Overvoltage category of signal contacts       | III    |
| Degree of pollution of signal contacts        | 3      |

### Environmental Product Compliance

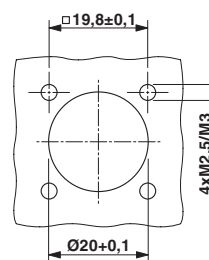
|            |   |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50  |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

## Drawings

Dimensional drawing



Dimensional drawing



## Approvals

### Approvals

#### Approvals


UL Recognized / cUL Recognized / EAC / cULus Recognized


#### Ex Approvals


### Approval details

## Device connector, front mounting - RF-17S1N8AWV00 - 1613740

### Approvals

|                    |  |   |   |               |
|--------------------|--|---|---|---------------|
| 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 153698 |
|                    |  |   |   |               |
| Nominal voltage UN |  | 125 V   |   |               |
| Nominal current IN |  | 1 A   |   |               |
| mm²/AWG/kcmil      |  | 26  |   |               |

|                    |  |   |   |               |       |
|--------------------|--|---|---|---------------|-------|
| 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 153698 |       |
|                    |  |   |   |               |       |
| Nominal voltage UN |  |   |   |               | 125 V |
| Nominal current IN |  |   |   |               | 1 A   |
| mm²/AWG/kcmil      |  |   |   |               | 26    |

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

|                  |   |   |
|------------------|---|---|
| cULus 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> |
|------------------|---|---|

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