



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 - VC-D3-BU50-PE-R - 1884788

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Female contact carrier, for rolled crimp contacts, type VC 3, 50-pos. + PE




The illustration shows a 50-pos. version

Product Features

- ✓ Positions 15, 30, 50, and 65 are available, in accordance with housing sizes VC 1 - VC 4.
- ✓ Contact types meet the requirements of IEC 60352/DIN EN 60352
- ✓ Contact carriers have two further capacitive PE contacts
- ✓ Pin and socket contacts can be used on both the plug and device sides
- ✓ The connection data of 250 V/10 A corresponds to that of the HEAVYCON DD series



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 017918 164850 |
| Weight per Piece (excluding packing) | 51.59 GRM |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Electrical characteristics

| | |
|-----------------------|---|
| Note | Connectors may only be connected/disconnected when under no load. |
| Rated voltage | 250 V |
| Rated voltage (III/3) | 250 V |
| Rated current | 10 A |
| | 10 A |

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Technical data

Electrical characteristics

| | |
|---------------------|------|
| Rated surge voltage | 4 kV |
| Number of positions | 50 |

Ambient conditions

| | |
|---------------------------------|-------------------|
| Ambient temperature (operation) | -40 °C ... 125 °C |
|---------------------------------|-------------------|

Mechanical characteristics

| | |
|---|---|
| Conductor cross section | 0.14 mm ² ... 1.5 mm ² (stranded) |
| Connection cross section AWG | 22 ... 16 |
| Stripping length of the individual wire | 8 mm |
| Conductor cross section stranded max. | 1.5 mm ² |
| Insertion/withdrawal cycles | >= 500 |

General

| | |
|---|------------------|
| Type | VC3 |
| Series | VC-D |
| Connection method | Crimp connection |
| Inflammability class according to UL 94 | V0 |
| Pollution degree | 2 |
| Surge voltage category | III |

Material data

| | |
|--------------------------|-------|
| Contact carrier material | PA-GF |
|--------------------------|-------|

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140816 |
| eCl@ss 4.1 | 27140816 |
| eCl@ss 5.0 | 27143424 |
| eCl@ss 5.1 | 27143424 |
| eCl@ss 6.0 | 27143424 |
| eCl@ss 7.0 | 27440209 |
| eCl@ss 8.0 | 27440209 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000438 |
| ETIM 3.0 | EC000438 |
| ETIM 4.0 | EC000438 |
| ETIM 5.0 | EC000438 |

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Classifications

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

| | |
|---|-------|
| UL Recognized  | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 250 V |


| | |
|--|-------|
| cUL Recognized  | |
| Nominal current I _N | 4 A |
| Nominal voltage U _N | 250 V |

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Approvals

GOST 

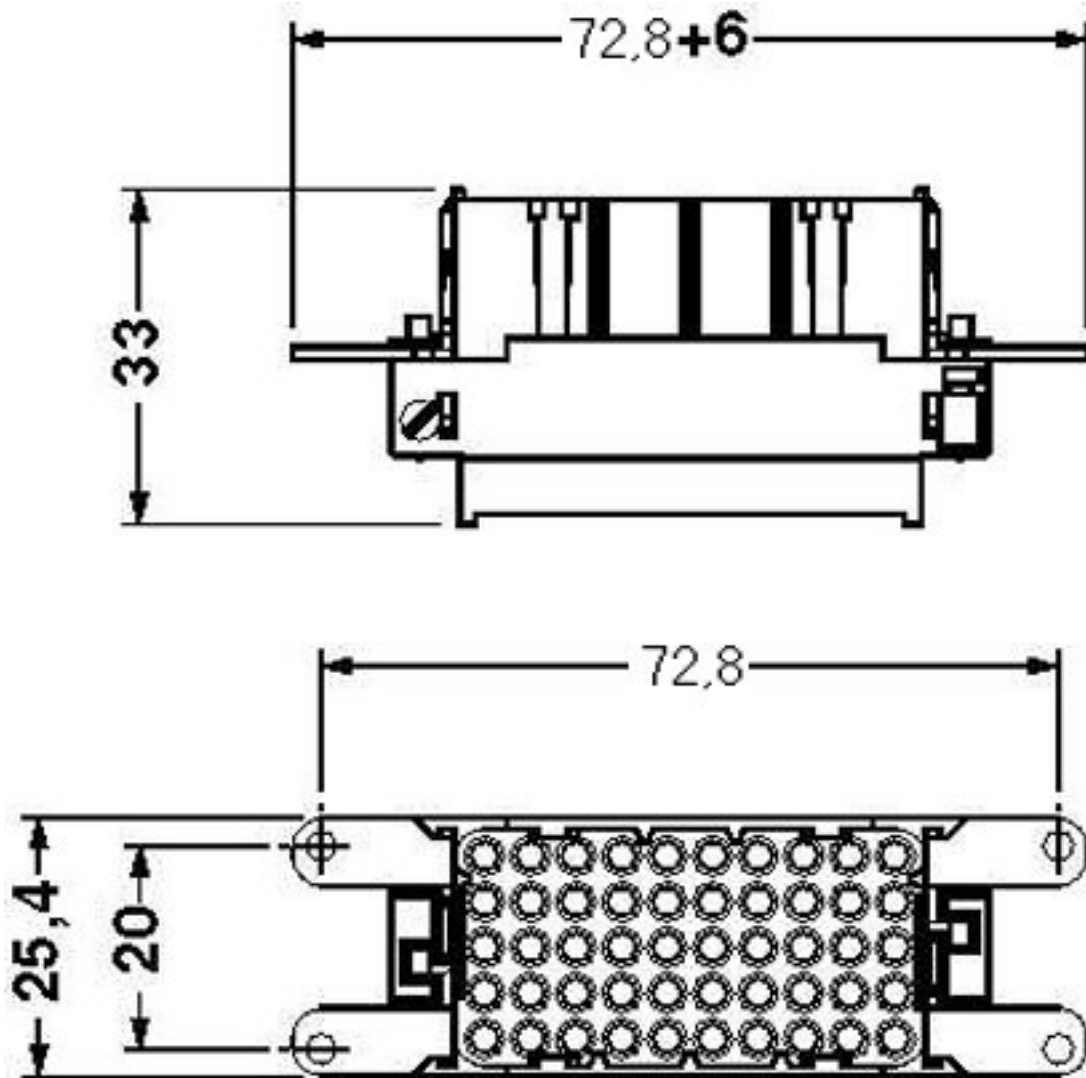
GOST 

cULus Recognized 

Drawings

Contact insert - VC-D3-BU50-PE-R - 1884788

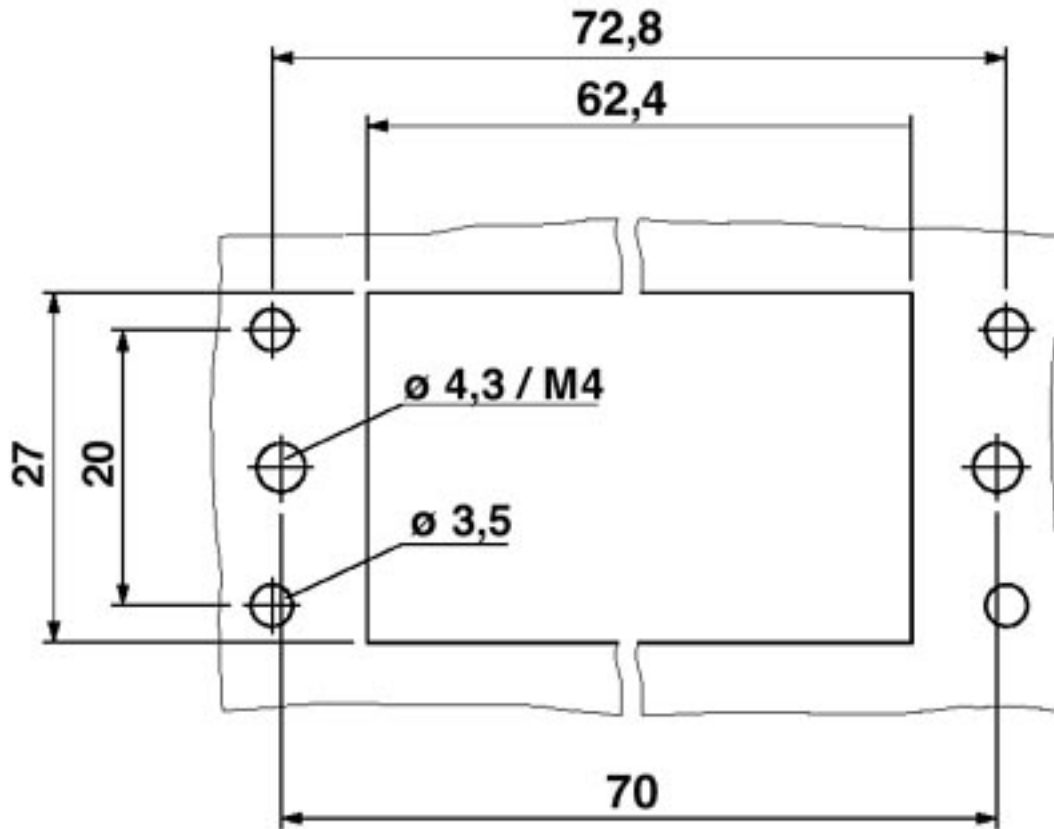
Dimensioned drawing



Contact insert

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Dimensioned drawing



Panel cutout