



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 - HC-A10-I-UT-F - 1585304

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HEAVYCON female insert, A10 series, 10-pos., screw connection

Why buy this product

- can be coded with plastic coding profile (order number 1410916)
- for a test pin 2 mm in diameter

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 285032 |
| GTIN | 4046356285032 |

Technical data

General

| | |
|---|--|
| Note | for housing HC-D15 |
| Connection method | Screw connection |
| Tightening torque | 0.5 Nm |
| Screwdriver blade | 0.5 x 3.5 mm |
| Degree of pollution | 3 |
| Overvoltage category | III |
| Number of positions | 10+PE |
| Insertion/withdrawal cycles | ≥ 500 |
| Size | D15 |
| Conductor cross section | 0.5 mm ² ... 2.5 mm ² (Applies to stranded conductors with ferrules) |
| Connection cross section AWG | 20 ... 14 |
| Stripping length of the individual wire | 7 mm |
| Assembly instructions | Connectors may be operated only when there is no load/voltage. |

Ambient conditions

Contact insert - HC-A10-I-UT-F - 1585304

Technical data

Ambient conditions

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C ... 125 °C (including heating up of contacts) |
|---------------------------------|--|

Material data

| | |
|--------------------------|--------------|
| Contact material | Copper alloy |
| Contact surface material | Ag |
| Contact carrier material | PC |

Electrical characteristics

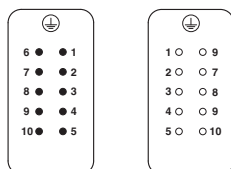
| | |
|-----------------------|-------|
| Rated voltage (III/3) | 250 V |
| Rated surge voltage | 4 kV |
| | 4 kV |
| Rated current | 20 A |

Standards and Regulations

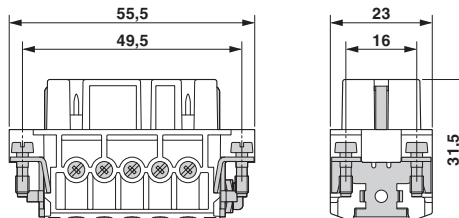
| | |
|--|----------|
| Connection in acc. with standard | IEC / EN |
| Flammability rating according to UL 94 | V0 |

Drawings

Schematic diagram

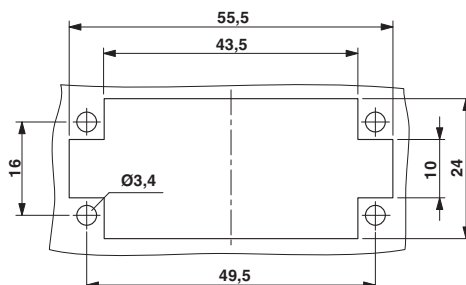


Dimensional drawing



Pin assignment, connection side, pin left, socket Female insert right

Dimensional drawing



Panel cutout

Contact insert - HC-A10-I-UT-F - 1585304

Approvals


Approvals

Approvals


EAC / GL / UL Recognized / CSA


Ex Approvals

Approval details

| | | | |
|-----|---|---|---------------------|
| EAC |  | http://exchange.dnv.com/tari/ | 7500651.22.01.00246 |
|-----|---|---|---------------------|

| | | | |
|----|--|---|------------|
| GL |  | http://exchange.dnv.com/tari/ | 6196614 HH |
|----|--|---|------------|

| | | | |
|--------------------------------|---|---|---------|
| UL Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E118976 |
| mm ² /AWG/kcmil | 14 | | |
| Nominal current I _N | 19 A | | |
| Nominal voltage U _N | 600 V | | |

| | | | |
|--------------------------------|---|---|-------|
| CSA |  | http://www.csagroup.org/services/testing-and-certification/certified-product-listing/ | 13631 |
| mm ² /AWG/kcmil | 14 | | |
| Nominal current I _N | 15 A | | |
| Nominal voltage U _N | 600 V | | |

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