



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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Contact insert - HC-BB10-I-CT-M - 1584774

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HEAVYCON pin insert, series: BB10, 10-pos., crimp connection, with plastic coding profile, can be coded

### Product Features

- ✓ For fast coding with plastic profile (Order No. 1410916, type CP-HC-S)
- ✓

### Key commercial data

Packing unit	1 pc
Custom tariff number	85366990
Country of origin	China

### Technical data

#### General

Connection method	Crimp connection
Pollution degree	3
Surge voltage category	III
Number of positions	10+PE
Insertion/withdrawal cycles	≥ 500
Type	B6
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm <sup>2</sup> ... 4 mm <sup>2</sup>
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm
Assembly instructions	- Housing heights of $h \geq 72$ mm are recommended when there is a high number of wires.
Connection	Connectors may only be inserted when there is no load/the power is switched off. Contact release by means of CK2,5-EWZ (Order No. 1662722)

#### Ambient conditions

# Contact insert - HC-BB10-I-CT-M - 1584774

## Technical data

### Ambient conditions

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

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

### Electrical characteristics

Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440205

### ETIM

ETIM 4.0	EC000438
ETIM 5.0	EC000438

### UNSPSC

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

## Approvals

### Approvals

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Approvals


Approvals

UL Recognized / EAC

Ex Approvals

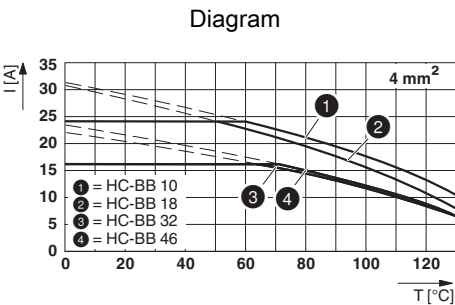
Approvals submitted

Approval details

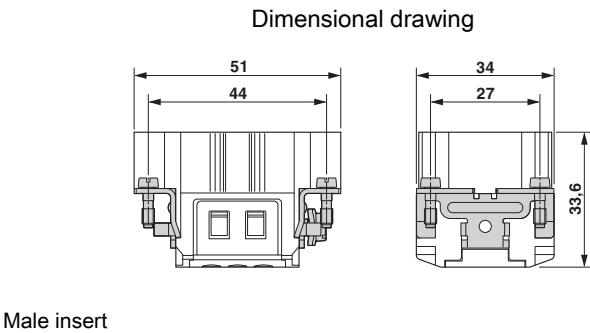
UL Recognized 	
mm²/AWG/kcmil	12
Nominal current I <sub>N</sub>	20 A
Nominal voltage U <sub>N</sub>	600 V

EAC
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Drawings

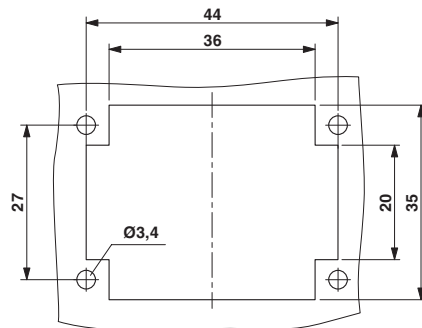


Derating diagram (conductor cross section: 4.0 mm²)

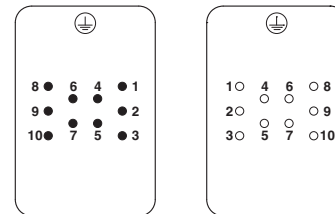


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Dimensional drawing



Schematic diagram



Connector pin assignment: Left pin - right socket

Mounting cutout when used without housing