



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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## Connector set - HC-STA-B06PT-BWSC-LS-M20-ELCAL - 1416353

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Connector set, Number of positions: 6, Material: Die-cast aluminum, salt water resistant, Connection method: Push-in connection, Connection cross section: AWG 26-14, Cable exit: lateral



### Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	400.0 g
Custom tariff number	85366990
Country of origin	China

### Technical data

#### Environmental Product Compliance

China RoHS	No hazardous substances above threshold values
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#### General

Number of positions	6+PE
Type	B6
Connection method	Push-in connection
Cable exit	lateral
Degree of protection for housing	IP66
	IP69K (ISO 20653:2013-02)
	IP67
	IP54 (with closed protective cover)
	4
	4X
	12

# Connector set - HC-STA-B06PT-BWSC-LS-M20-ELCAL - 1416353

## Technical data

### General

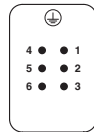
Connection method	Push-in connection
Rated voltage (III/3)	500 V
Rated surge voltage	6 kV
Rated current	16 A

### Standards and Regulations

Flammability rating according to UL 94	V0
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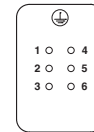
## Drawings

Schematic diagram



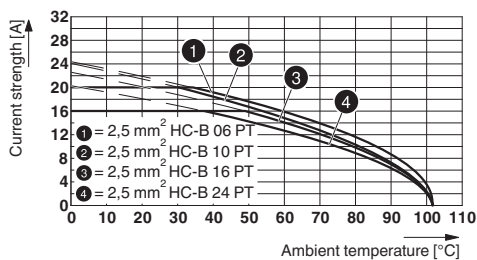
Pin assignment, connection side, pin

Schematic diagram



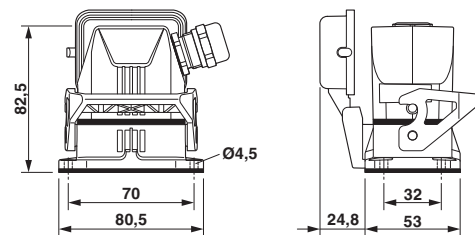
Pin assignment, connection side, socket

Diagram



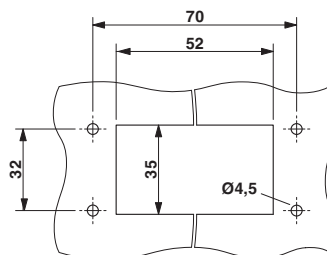
Derating diagram

Dimensional drawing



Dimensional drawing

Dimensional drawing



Panel cutout

## Connector set - HC-STA-B06PT-BWSC-LS-M20-ELCAL - 1416353

### Articles in set

Contact insert - HC-B 06-I-PT-F - 1407727



HEAVYCON socket insert, B6 series, 6 + PE-pos., push-in connection

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Contact insert - HC-B 06-I-PT-M - 1407728



HEAVYCON pin insert, B6 series, 6 + PE-pos., push-in connection

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Cable gland - G-INS-M20-S68N-NNES-S - 1411163



Cable gland, Cable gland material: Brass, nickel-plated, External cable diameter 6 mm ... 12 mm, Shielding: No, Connecting thread: M20, Color: silver

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Housing - HC-STA-B06-BWSC-ELC-AL - 1411319



HEAVYCON B6 panel mounting base, with single locking latch, with plastic protective cover, with flat gasket, salt-water-resistant aluminum, conductive profile gasket.

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Housing - HC-STA-B06-HLFS-1STM20-EL-AL - 1412570



Sleeve housing B6, for single locking latch, Material: Die-cast aluminum, salt water resistant, Cable outlets: 1, lateral, Height: 52 mm, Cable gland: none, Gland: no, 1x M20, Standard

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## Classifications

### eCl@ss

eCl@ss 5.1	27143424
eCl@ss 8.0	27440101
eCl@ss 9.0	27440101

### ETIM

ETIM 5.0	EC002636
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## Approvals

### Approvals

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Approvals

EAC / GL

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Ex Approvals

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Approvals submitted

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### Approval details

EAC
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GL
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## Accessories

### Accessories

### Device marking

Plastic label - US-EMLP-HA (20X9) - 0830989

Plastic label, Card, white, unlabeled, can be labeled with: THERMOMARK CARD, Mounting type: Adhesive, Lettering field: 20 x 9 mm



