



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-M-DSUB 09/O2T-MOD-BU - 1636444

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HEAVYCON contact insert module, female, D-SUB 09, 2-pos., for RS-485-based bus systems with T functionality, with screw connection, pin 3 and 8 mounted, for HEAVYCON Modular



### Key commercial data

Packing unit	1 pc
Minimum order quantity	2 pc
Weight per Piece (excluding packing)	31.81 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### General

Note	For HEAVYCON-ADVANCE housing of type B6 up to B24 and HEAVYCON housing of type B6 up to B48, HC-M-MHR hinged retaining frame...required. PROFIBUS T function: Pin 8: Signal A; Pin 3: Signal B. For inverted crimp contacts as per DIN 41652.
Connection method	Screw connection
Tightening torque	0.15 Nm
Pollution degree	3
Surge voltage category	III
Number of positions	2
Insertion/withdrawal cycles	≥ 500
Conductor cross section	0.09 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Connection cross section AWG	28 ... 20
Stripping length of the individual wire	3.8 mm
Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage. Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.

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## Technical data

### General

Connection	Signal A is pin 8; signal B is pin 3
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### Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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### Material data

Inflammability class according to UL 94	V0
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

### Electrical characteristics

Rated voltage (III/3)	50 V
Rated surge voltage	0.8 kV
Rated current	5 A

## 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 3.0	EC000438
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

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## Approvals

Approvals

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Approvals

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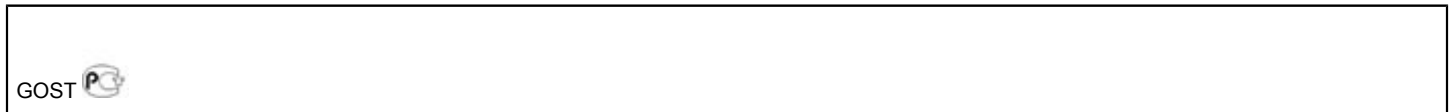
Ex Approvals

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Approvals submitted

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## Approval details

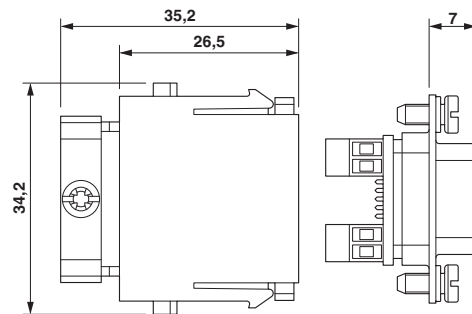


## Drawings

Schematic diagram

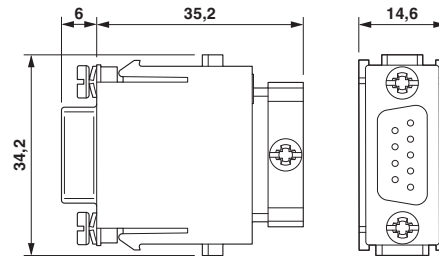
Functional drawing

Connector pin assignment



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Dimensioned drawing



Female insert