



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-COM- 8-ESTC - 1408481

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HEAVYCON crimp contact insert for compact plastic housing; male connector version; 8-pos. + PE

Key commercial data

Packing unit	0
Minimum order quantity	2
Catalog page	Page 591 (PC-2011)
GTIN	 4 046356 618199
Custom tariff number	85366990
Country of origin	CHINA

Technical data

General data

Note	For crimp contacts CK2.5-ED...
Connection method	Crimp connection
Ambient temperature (operation)	-40 °C ... 100 °C (including heating up of contacts)
Pollution degree	3
Surge voltage category	III
Number of positions	8
Insertion/withdrawal cycles	≥ 500
Design	COM
Connection in acc. with standard	IEC / EN
Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12
Stripping length of the individual wire	7.5 mm

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
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Technical data

Electrical characteristics

Rated surge voltage	6 kV
Rated current	16 A

Classifications

eclass

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

etim

ETIM 4.0	EC000437
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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 / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm ² /AWG/kcmil	20-12

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Approvals

Nominal current IN	19 A
Nominal voltage UN	600 V

cUL Recognized

mm ² /AWG/kcmil	20-12
Nominal current IN	19 A
Nominal voltage UN	600 V

cULus Recognized

Accessories

Accessories

Tools

Removal tool - CK2,5-EWZ - 1662722



Contact removal tool, for turned CK 2,5... contacts

Crimping pliers - CRIMPFOX-1,6/2,5-ED-4,0 - 1687419

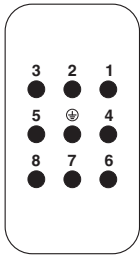


Crimping pliers, for turned contacts, CK 1.6 ED... and CK 2.5 ED...

Drawings

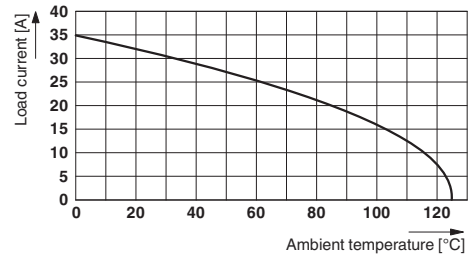
Contact insert - HC-COM- 8-ESTC - 1408481

Schematic diagram



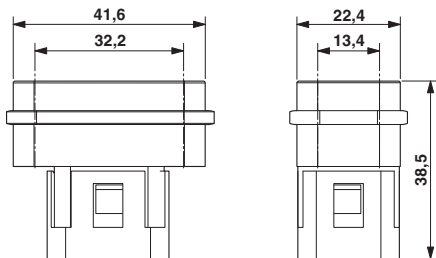
Connector pin assignment, connection side

Diagram



Derating diagram for 4 mm²

Dimensioned drawing



HC-COM-8-ESTC dimensional drawing