



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 module - HC-M-20-CT-F - 1414373


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Contact insert module, Number of positions: 20, Socket, Crimp connection, 690 V, 16 A, 0.5 mm² ... 4 mm², Application: Power



Key Commercial Data

Packing unit	2 STK
Minimum order quantity	2 STK
GTIN	 4 055626 025261
GTIN	4055626025261

Technical data

Dimensions

Height	39.95 mm
Width	34.2 mm
Length	29.4 mm

Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, HC-M-B...MF... hinged module carrier frame required, CK2,5-ED... imp contacts, crimp contacts not supplied as standard.
Rated voltage (III/3)	690 V
Rated current	16 A
Rated surge voltage	6 kV
Connection profile	20

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C
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Mechanical characteristics

Conductor cross section	0.5 mm ² ... 4 mm ²
Connection cross section AWG	20 ... 12

Contact insert module - HC-M-20-CT-F - 1414373

Technical data

Mechanical characteristics

Stripping length of the individual wire	7.5 mm
Insertion/withdrawal cycles	≥ 500

General

Series	HC-M-20
Color	light gray
Number of module slots	2
Connection method	Crimp connection
Flammability rating according to UL 94	V0
Degree of pollution	3
Overvoltage category	III
Assembly instructions	Housing height ≥ 52 mm. Plug-in connections may only be operated only when there is no load/voltage.

Material data

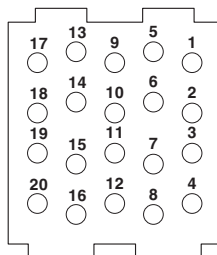
Contact material	Copper alloy
Contact surface material	Ag (alternatively Au)
Contact carrier material	PC

Standards and Regulations

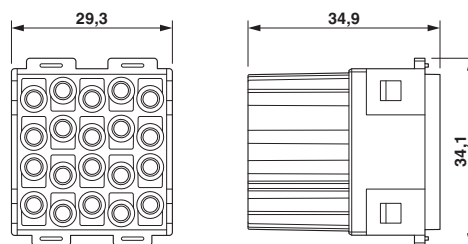
Flammability rating according to UL 94	V0
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Drawings

Schematic diagram

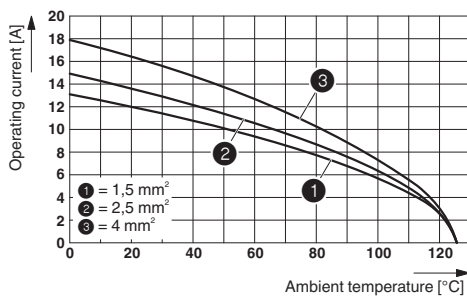


Dimensional drawing



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Diagram



Derating diagram (3 modules in HC-B 24 housing)

Approvals

Approvals

Approvals

EAC / UL Recognized / CSA

Ex Approvals

Approval details

EAC		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	7500651.22.01.00246
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UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E118976
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mm²/AWG/kcmil	12
Nominal current IN	17.5 A
Nominal voltage UN	500 V

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
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mm²/AWG/kcmil	12
Nominal current IN	14 A
Nominal voltage UN	500 V

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