



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-25-CT-F - 1414375


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Contact insert module, Number of positions: 25, Socket, Crimp connection, 50 V, 4 A, 0.08 mm² ... 0.5 mm², Application: Signal

RoHS

Key Commercial Data

Packing unit	5 STK
Minimum order quantity	5 STK
GTIN	 4 055626 025285
GTIN	4055626025285

Technical data

Dimensions

Height	30.65 mm
Width	34.2 mm
Length	14.6 mm

Electrical characteristics

Note	For HEAVYCON housing type B6 to B48, HC-M-MHR... hinged retaining frame required, VS-...CD-1,0... crimp contacts (crimp contacts not supplied as standard)
Rated voltage (III/3)	50 V
Rated current	4 A
Rated surge voltage	0.8 kV
Connection profile	25

Ambient conditions

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

Conductor cross section	0.08 mm² ... 0.5 mm²
Connection cross section AWG	28 ... 20

Contact insert module - HC-M-25-CT-F - 1414375

Technical data

Mechanical characteristics

Stripping length of the individual wire	4.2 mm
External cable diameter	2.2 mm
Insertion/withdrawal cycles	≥ 500
Minimum housing height	52 mm

General

Series	HC-M-25
Color	light gray
Number of module slots	1
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. Use of HC-CST (1676857) coding pins and HC-CBU (1676860) coding sockets has been prescribed.

Material data

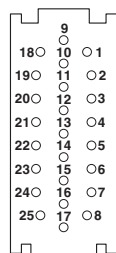
Contact material	Copper alloy
Contact surface material	Au
Contact carrier material	PC

Standards and Regulations

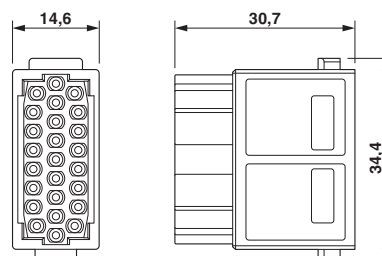
Flammability rating according to UL 94	V0
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Drawings

Schematic diagram

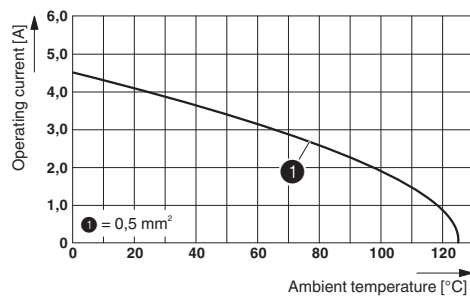


Dimensional drawing



Contact insert module - HC-M-25-CT-F - 1414375

Diagram



Derating diagram (6 modules in HC-B 24 housing)

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		7500651.22.01.00246
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