Chipsmall

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!

Contact us

PHŒNIX CONTACT

Contact insert - HC-Q 12-I-CT-F - 1409419

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HEAVYCON socket insert, Q12 series, 12-pos., crimp connection, with coding option

Product Features

- Can be keyed in seconds thanks to plastic profiles
- 16 coding options without loss of contact space.
- For all D7 housing designs
- Cost-effective and saves space thanks to high number of contacts within a small surface area
- Contact insert including IP65 sealing screw

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	20.0 g
Custom tariff number	85369085
Country of origin	Italy

Technical data

General

Note	For D7 housing, CK1,6-ED crimp contacts (crimp contacts not supplied as standard)
Connection method	Crimp connection
Degree of pollution	3
Overvoltage category	III
Number of positions	12+PE
Insertion/withdrawal cycles	≥ 500
Size	D7
Conductor cross section	0.14 mm² ... 2.5 mm²
Connection cross section AWG	26 ... 14

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Technical data

General

Stripping length of the individual wire	8 mm
	6 mm (2.5 mm²)
Assembly instructions	Connectors may be operated only when there is no load/voltage.
Connection	Contact insert including IP65 sealing screw

Ambient conditions

Ambient temperature (operation)	-40 °C ... 125 °C (including heating up of contacts)

Material data

Flammability rating 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)	400 V
Rated surge voltage	6 kV
Rated current	10 A

Standards and Regulations

Flammability rating according to UL 94	V0

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	27440205
eCl@ss 9.0	27440205

ETIM

ETIM 3.0	EC000438
ETIM 4.0	EC000438
ETIM 5.0	EC000438

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Classifications

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

EAC / GL

Ex Approvals

Approvals submitted

Approval details

EAC

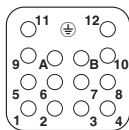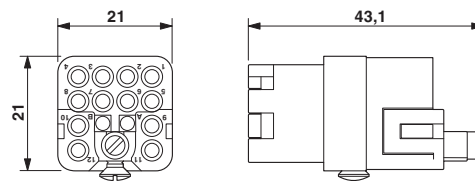| GL |
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Drawings

Schematic diagram

Connector pin assignment, connection side

Dimensional drawing

Dimensional drawing: HC-Q 12-I-CT-F

Contact insert - HC-Q 12-I-CT-F - 1409419

Schematic diagram

HC-Q 12-I-CT-M		HC-Q 12-I-CT-F	
A	B	B	A

Coding scheme

Diagram

1 = 6-pos. 2,5 mm²
2 = 12-pos. 2,5 mm²
3 = 6-pos. 1,5 mm²
4 = 12-pos. 1,5 mm²

Derating diagram