



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## PC 6-16/ 4-G1-10,16

Order No.: 1998959

The figure shows a 5-pos. version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1998959>

Header, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 10.16 mm, Number of positions: 4, Color: green, Assembly: Soldering

### Commercial data

EAN	4046356038454
Pack	50 pcs.
Customs tariff	85366990
Weight/Piece	0.01706 KG
Catalog page information	Page 420 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
05/18/2004

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

### Technical data

#### Dimensions / positions

Length	34 mm
Height	13.4 mm
Pitch	10.16 mm
Dimension a	30.48 mm
Number of positions	4

Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

**Technical data**

Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A (41 A in combination with PC 6 plug)
Nominal voltage $U_N$	1000 V
Maximum load current	76 A (41 A in combination with PC 6 plug)
Insulating material	PA
Inflammability class acc. to UL 94	V0

**Certificates / Approvals**



Certification CB, CCA, CUL, SEV, UL

**CUL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A

**UL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A

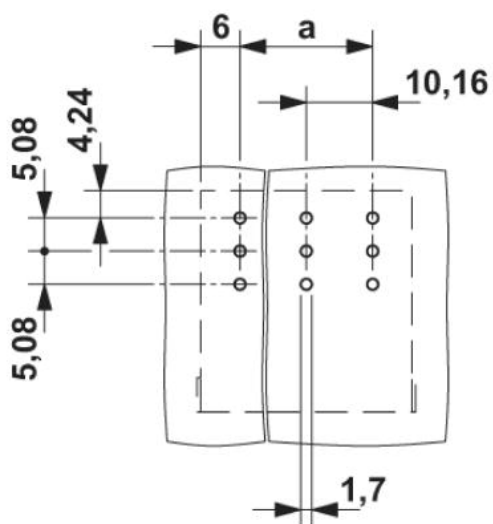
**Accessories**

Item	Designation	Description
<b>General</b>		
1970016	CS-IPC 16/ 6	Coding pin, serves to ensure correct polarization on the PCB during manual mounting

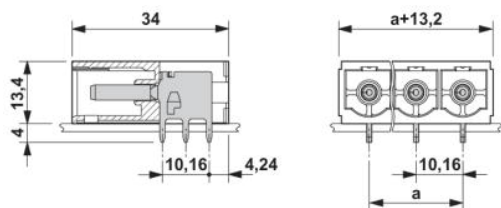
<b>Plug/Adapter</b>		
1600027	CP-HCC 4	Coding profile, Color: red

**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing



**Address**

PHOENIX CONTACT Inc., USA  
586 Fulling Mill Road  
Middletown, PA 17057, USA  
Phone (800) 888-7388  
Fax (717) 944-1625  
<http://www.phoenixcon.com>



© 2010 Phoenix Contact  
Technical modifications reserved;