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

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Feed-through header - PC 6-16/ 6-G1F-10,16 - 1999042

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PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering

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

Why buy this product

☑ Well-known mounting principle allows worldwide use

☑ Screwable flange for superior mechanical stability

☑ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies

RoHS | 76 A IEC | 10,16 mm | WAVE | 1000 V IEC | 16 mm²
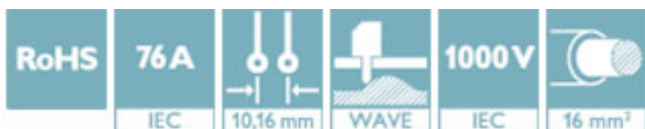
Key Commercial Data

Packing unit	50 STK
GTIN	4 046356 038546
GTIN	4046356038546

Technical data

Dimensions

Length [l]	34 mm
Width	78.72 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Width [w]	78.72 mm
Height [h]	13.4 mm
Constructional height	17.4 mm
Length of the solder pin	4 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm
Length	34 mm

General

PHŒNIX
CONTACT

Feed-through header - PC 6-16/ 6-G1F-10,16 - 1999042

Technical data

General

Range of articles	PC 6-16/..-G1F
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/3)	1000 V
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)
Maximum load current	76 A (41 A in combination with PC 6 plug)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

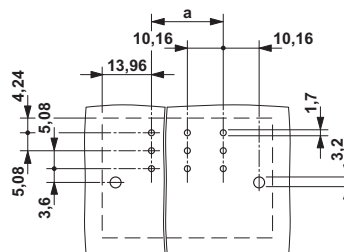### Environmental Product Compliance

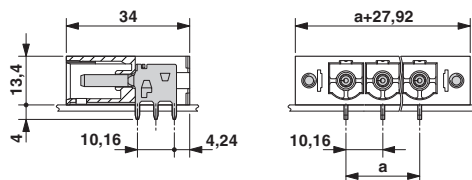|	
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram
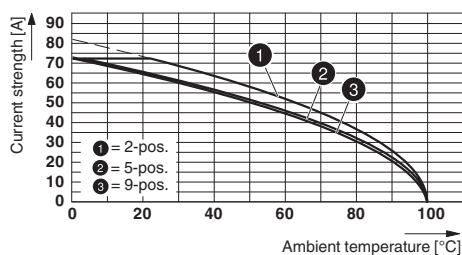
Drilling diagram

Type: PC 16/...-STF-10,16 with PC 6-16/...-G1F-10,16

Feed-through header - PC 6-16/ 6-G1F-10,16 - 1999042

Dimensional drawing

Approvals

Approvals

Approvals

SEV / IECEE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3431
Nominal voltage UN		1000 V	
Nominal current IN		76 A	

IECEE CB Scheme		http://www.iecee.org/	CH-8077
Nominal voltage UN		1000 V	
Nominal current IN		76 A	

EAC			B.01742

Feed-through header - PC 6-16/ 6-G1F-10,16 - 1999042

Approvals

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20040202	
	D	B	C
Nominal voltage UN	600 V	300 V	300 V
Nominal current IN	5 A	66 A	66 A