

## Feed-through header - PC 6-16/ 5-G1F-10,16 - 1999039

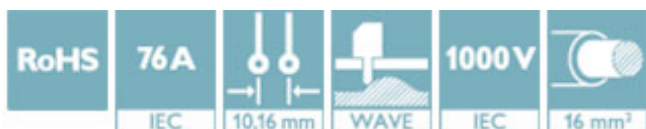
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PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 5, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering




### 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



### Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 038539
GTIN	4046356038539

### Technical data

#### Dimensions

Length [ l ]	34 mm
Width	68.56 mm
Pitch	10.16 mm
Dimension a	40.64 mm
Width [ w ]	68.56 mm
Height [ h ]	17.4 mm
Constructional height	13.4 mm
Length of the solder pin	4 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	1.16 mm
Length	34 mm

#### General

Range of articles	PC 6-16/..-G1F
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## Technical data

### General

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	5

### Standards and Regulations

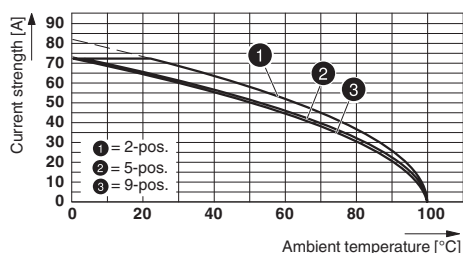
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

### Environmental Product Compliance

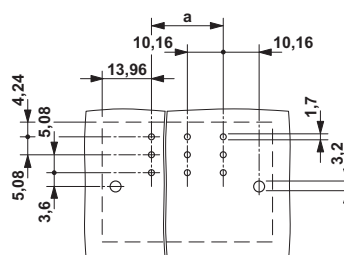
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

Diagram



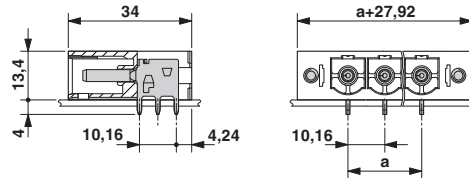
Drilling diagram



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

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Dimensional drawing



## Approvals

### Approvals

Approvals

SEV / IECCEB Scheme / EAC / cULus Recognized

Ex Approvals

### Approval details


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

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-8077
Nominal voltage UN		1000 V	
Nominal current IN		76 A	

EAC		B.01742	
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### Approvals

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

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