

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

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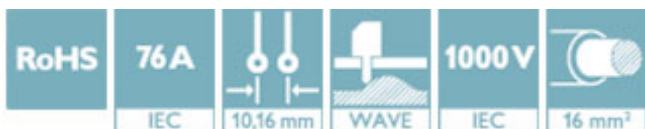
PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering



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



Key Commercial Data

Packing unit	50 STK
GTIN	
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

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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

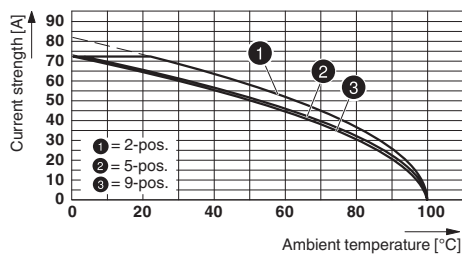
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

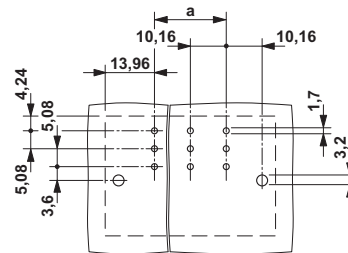
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Diagram



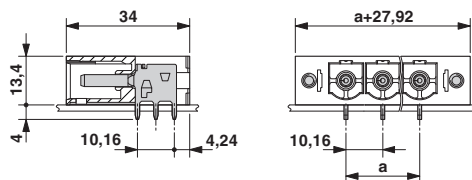
Drilling diagram



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

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Dimensional drawing



Approvals

Approvals

Approvals

SEV / IECCEB 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	
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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

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