

<https://www.phoenixcontact.com/cn/products/1701456>

Housing - DFK-PC 6-16/ 2-G-10,16 - 1701456

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, 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
- ✓ Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws



Key Commercial Data

Packing unit	10 STK
Minimum order quantity	10 STK
GTIN	 4 046356 030526
GTIN	4046356030526
Custom tariff number	8536909000
Sales Key	AABEDA

Technical data

Dimensions

Length	46.4 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Width	39.76 mm
Constructional height	19 mm
Height	20.3 mm
Length of the solder pin	4.1 mm
Pin dimensions	1,2 x 1,0
Pin spacing	10.16 mm
Hole diameter	1.7 mm

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Technical data

General

Range of articles	DFK-PC 6-16/...-G
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
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	2

Standards and Regulations

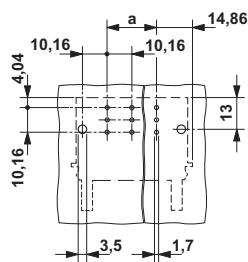
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

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

Drawings

Drilling diagram



Diagram

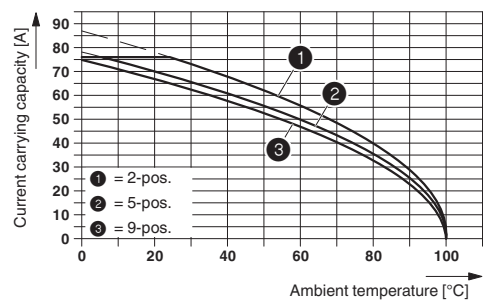


Illustration shows the derating curve for plugs PC 16/...-ST-10,16 in combination with header DFK-PC 6-16/...-G-10,16.

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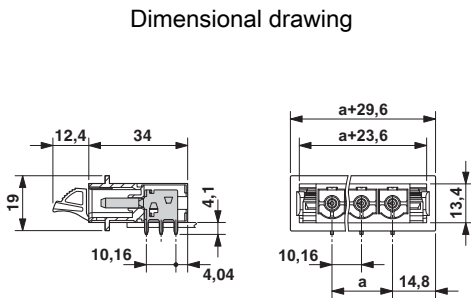
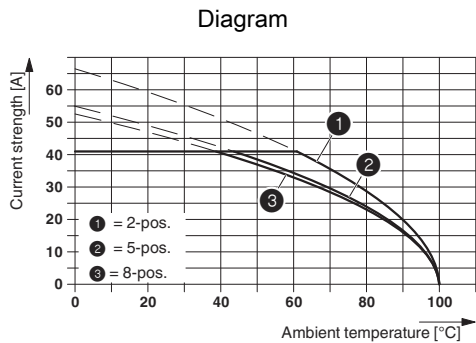
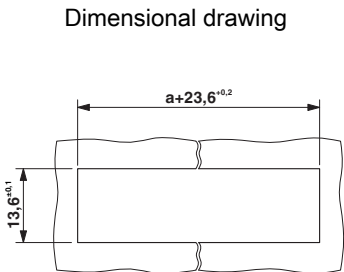
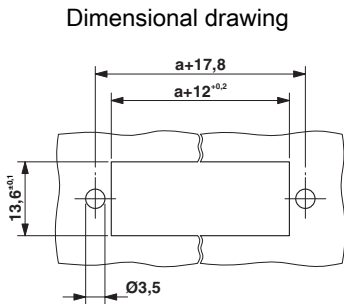


Illustration shows the derating curve for plugs PC 6/...-ST-10,16 in combination with header DFK-PC 6-16/...-G-10,16.



Sheet metal cutout for snap-on.



Sheet metal cutout for screw connection.

Approvals

Approvals

Approvals

UL Recognized / SEV / cUL Recognized / IECCEB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm		FILE E 60425
	B	C	D	
Nominal current I _N	66 A	66 A	5 A	
Nominal voltage U _N	300 V	300 V	600 V	

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Approvals

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

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
Nominal current I _N	66 A	66 A	5 A
Nominal voltage U _N	300 V	300 V	600 V

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

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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