

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering



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

### Product Features

- Panel thickness of 1 mm to 3 mm
- Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- For soldering onto the PCB
- Feed-through headers for use in combination with all PC 6 and PC 16 plugs



### Key commercial data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	16.7 GRM
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	34 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Pin dimensions	1,0 x 1,2 mm
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	DFK-PC 6-16/..-G
-------------------	------------------

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

### 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
Maximum load current	76 A
Insulating material	PA
Inflammability class according to UL 94	V0
Color	green
Number of positions	2

### Classifications

#### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27260701
eCl@ss 5.1	27141190
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402

#### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC002637

#### UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409

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

## Approvals

### Approvals

---

#### Approvals

UL Recognized / SEV / cUL Recognized / CCA / GOST / GOST / cULus Recognized

---


#### Ex Approvals

---


#### Approvals submitted

---

### Approval details

UL Recognized 			
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

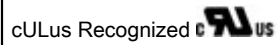
SEV	
Nominal current IN	76 A
Nominal voltage UN	1000 V

cUL Recognized 			
	B	C	D
Nominal current IN	66 A	66 A	5 A
Nominal voltage UN	300 V	300 V	600 V

CCA	
Nominal current IN	76 A
Nominal voltage UN	1000 V

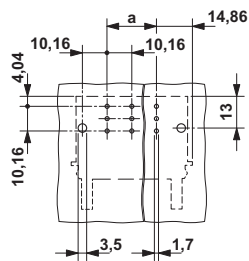
# Housing - DFK-PC 6-16/ 2-G-10,16 - 1701456

## Approvals



## Drawings

Drilling diagram



Diagram

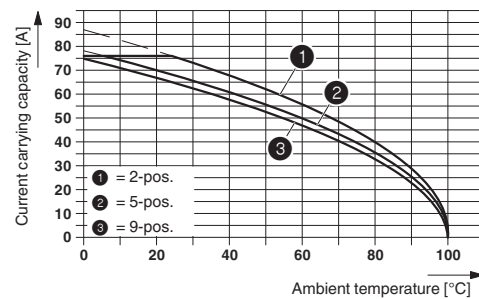


Illustration shows the derating curve for plugs PC 16/...-ST-10,16 in combination with header DFK-PC 6-16/...-G-10,16.

Diagram

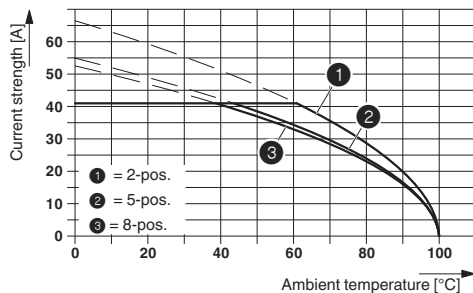
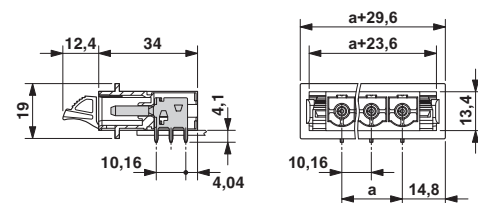


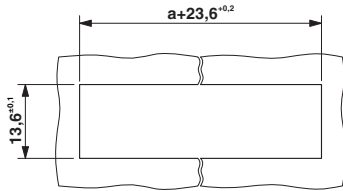
Illustration shows the derating curve for plugs PC 6/...-ST-10,16 in combination with header DFK-PC 6-16/...-G-10,16.

Dimensioned drawing



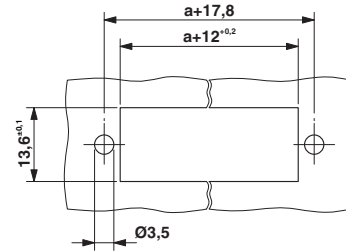
## Housing - DFK-PC 6-16/ 2-G-10,16 - 1701456

Dimensioned drawing



Sheet metal cutout for snap-on.

Dimensioned drawing



Sheet metal cutout for screw connection.