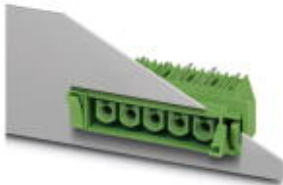


## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

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>)

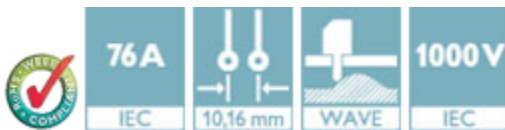
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### Product Features

- 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
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	14.8 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	22 mm
Pitch	10.16 mm
Dimension a	10.16 mm
Constructional height	34.55 mm
Height	34.55 mm
Length of the solder pin	4.1 mm
Pin dimensions	0,8 x 1,2

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

### Technical data

#### Dimensions

Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	DFK-IPCV 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

### 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
eCl@ss 9.0	27440402

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

### Classifications

#### 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

### Approvals

#### Approvals


#### Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECEx CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted


#### Approval details

UL Recognized 			
	B	C	D
Nominal current I <sub>N</sub>	55 A	55 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

SEV	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056


### Approvals

cUL Recognized 			
	B	C	D
Nominal current I <sub>N</sub>	55 A	55 A	5 A
Nominal voltage U <sub>N</sub>	300 V	300 V	600 V

EAC
-----

IECEE CB Scheme 	
Nominal current I <sub>N</sub>	76 A
Nominal voltage U <sub>N</sub>	1000 V

EAC
-----

cULus Recognized 
--

### Accessories

Accessories

Coding element

Coding profile - CP-PC RD - 1701967



Coding profile, for plugging into the coding ribs of the plug at a later date, insulating material, color: Red

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

### Accessories

Accessories - CS-IPC 16/ 6 - 1970016



Coding pin, serves to ensure correct polarization on the PCB during manual mounting

---

### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

---

### Screwdriver tools

Screwdriver - SZK PH1 VDE - 1205150



Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

---

Screwdriver - SZS 0,6X2,5 VDE - 1205040



Screwdriver, slot-headed, VDE insulated, size: 0.6 x 2.5 x 80 mm, 2-component grip, with non-slip grip

---

### Additional products

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

### Accessories

Printed-circuit board connector - ISPC 16/ 2-ST-10,16 - 1748545



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

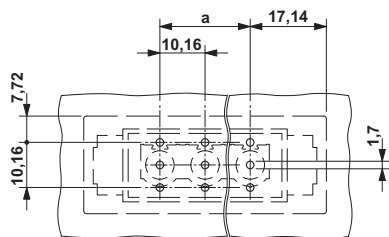
Printed-circuit board connector - IPC 16/ 2-ST-10,16 - 1969373



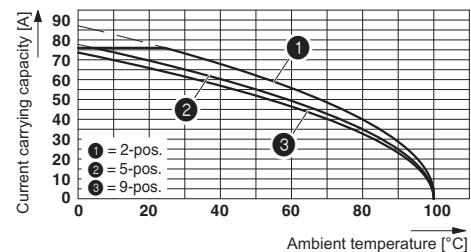
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

### Drawings

Drilling diagram

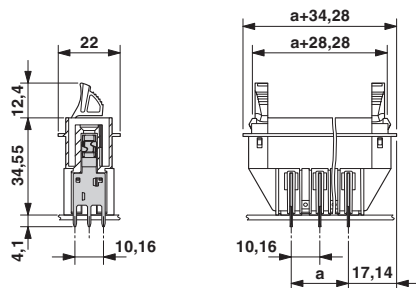


Diagram

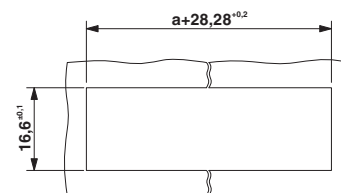


The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



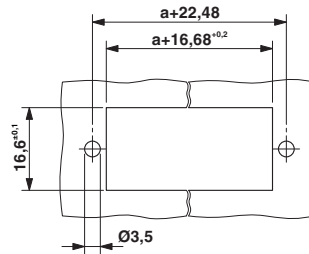
Dimensional drawing



Sheet metal cutout for snap-on.

## Base strip - DFK-IPCV 16/ 2-G-10,16 - 1703056

Dimensional drawing



Sheet metal cutout for screw connection.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

1703056