

## Housing - DFK-IPCV 16/ 7-GF-10,16 - 1703263

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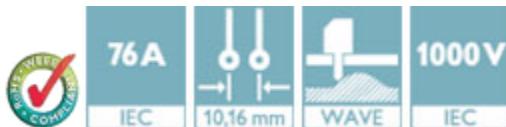
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### Product Features

- Panel thickness of 1 mm to 3 mm
- Inverted feed-through headers for implementing a touch-proof PCB output (in combination with IPC 16 ST)
- For soldering onto the PCB
- Tool-free snap-lock mechanism or conventional screw connection



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Weight per Piece (excluding packing)	40.97 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	22 mm
Pitch	10.16 mm
Dimension a	60.96 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

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## Technical data

### Dimensions

Pin spacing	10.16 mm
Hole diameter	1.7 mm

### General

Range of articles	DFK-IPCV 16/..-GF
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	7

### 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

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### 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

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#### Approvals

UL Recognized / SEV / cUL Recognized / EAC / IEC6 CB Scheme / EAC / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

UL Recognized 	B	C	D
Nominal current IN	55 A	55 A	5 A
Nominal voltage UN	300 V	300 V	600 V

SEV	
Nominal current IN	76 A
Nominal voltage UN	1000 V

## Housing - DFK-IPCV 16/ 7-GF-10,16 - 1703263

### Approvals

cUL Recognized 			
	B	C	D
Nominal current IN	55 A	55 A	5 A
Nominal voltage UN	300 V	300 V	600 V

EAC
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IEC66 CB Scheme 	
Nominal current IN	76 A
Nominal voltage UN	1000 V

EAC
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cULus Recognized 	
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### 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

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### Accessories

Accessories - CS-IPC 16/ 6 - 1970016



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

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### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

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### 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

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### Additional products

## Housing - DFK-IPCV 16/ 7-GF-10,16 - 1703263

### Accessories

Printed-circuit board connector - ISPC 16/ 7-STF-10,16 - 1748671



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

Printed-circuit board connector - IPC 16/ 7-STF-10,16 - 1969506



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

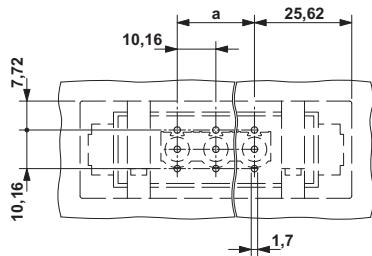
Printed-circuit board connector - IPC 16/ 7-STF-SH-10,16 - 1737336



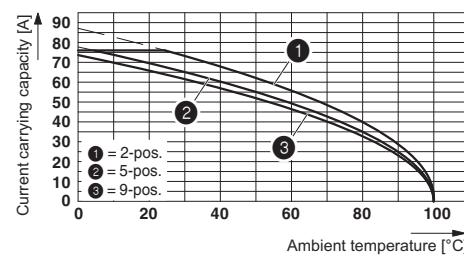
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

### Drawings

Drilling diagram



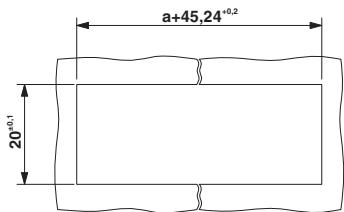
Diagram



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.

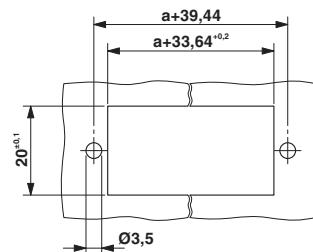
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Dimensional drawing



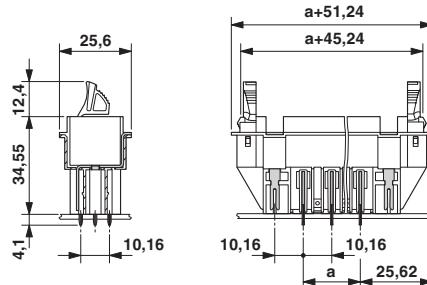
Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

Dimensional drawing



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