

## Base strip - IPCV 16/ 6-G-10,16 - 1969739

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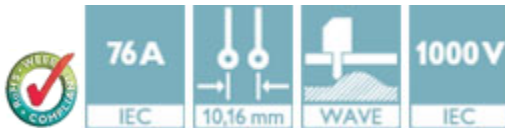


Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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

### Product Features

- Integrated double steel spring
- Inverted vertical IPC 16 headers for implementing a touch-proof PCB output or a PCB/PCB connection (in combination with PC 6-16 base strips)
- CS-IPC 16/6 for anti-rotation protection during assembly



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 946753
Weight per Piece (excluding packing)	23.18 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	13.6 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Constructional height	33 mm
Length of the solder pin	4 mm

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### Technical data

#### Dimensions

Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	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)	8 kV
Rated voltage (III/3)	1000 V
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Nominal current I <sub>N</sub>	76 A
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	6

#### Standards and Regulations

Connection in acc. with standard	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	27260701
eCl@ss 6.0	27260704
eCl@ss 7.0	27440402
eCl@ss 8.0	27440402
eCl@ss 9.0	27440402

#### ETIM

ETIM 3.0	EC001121
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## Classifications

### ETIM

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 / IECCE CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

## Approval details

UL Recognized 			
	B	C	D
Nominal current I <sub>N</sub>	66 A	66 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

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## Approvals

cUL Recognized			
	B	C	D
Nominal current I <sub>N</sub>	66 A	66 A	5 A
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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



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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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### Terminal marking

Marker card - SK U/5,0 WH:UNBEDRUCKT - 0803922



Marker card, Sheet, white, unlabeled, can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

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### Additional products

Printed-circuit board connector - IPC 16/ 6-ST-10,16 - 1969412



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Printed-circuit board connector - ISPC 16/ 6-ST-10,16 - 1748587



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

Base strip - PC 6-16/ 6-G1-10,16 - 1998975



Header, 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

# Base strip - IPCV 16/ 6-G-10,16 - 1969739

## Accessories

### Base strip - PC 6-16/ 6-G1U-10,16 - 1996278



Header, 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

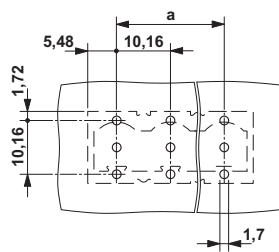
### Base strip - PCV 6-16/ 6-G1-10,16 - 1998823



Header, 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

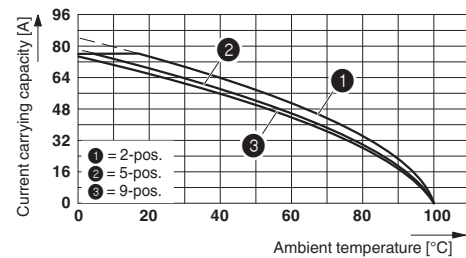
## Drawings

Drilling diagram



The illustration shows the 3-pos. version

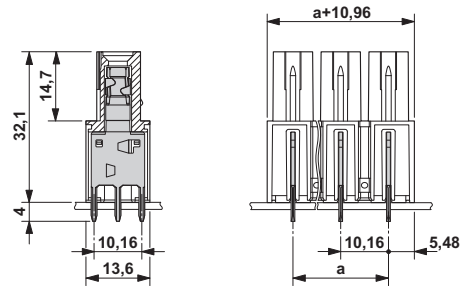
Diagram



Derating curve for: ISPC 16/...-ST-10,16 with IPCV 16/...-G-10,16

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Dimensional drawing



The illustration shows the 3-pos. version

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