

## Base strip - PCV 6-16/ 4-G1-10,16 - 1998807

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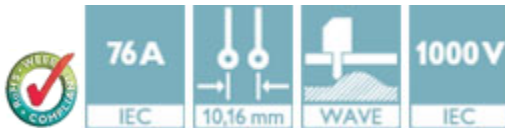


Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering

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

### Product Features

- PCB/PCB connections by using IPC 16 headers
- CS-IPC 16/6 for anti-rotation protection during assembly
- Vertical PCV 6-16 headers for use in combination with all PC 6 and PC 16 plugs



### Key Commercial Data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	17.21 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	13.4 mm
Pitch	10.16 mm
Dimension a	30.48 mm
Constructional height	38 mm
Height	34 mm
Length of the solder pin	4 mm
Pin dimensions	1 x 1.2 mm
Pin spacing	10.16 mm

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### Technical data

#### Dimensions

Hole diameter	1.7 mm
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#### General

Range of articles	PCV 6-16/..-G1
Insulating material group	I
Rated surge voltage (III/3)	6 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
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	76 A (41 A in combination with PC 6 plug)
Maximum load current	76 A (41 A in combination with PC 6 plug)
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	4

#### 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	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 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

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## Approvals

cUL 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

EAC

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

EAC

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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### Additional products

Plug - DFK-IPC 16/ 4-ST-10,16 - 1703713



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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Printed-circuit board connector - SPC 16/ 4-ST-10,16 - 1711284



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

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Printed-circuit board connector - TPC 16/ 4-ST-10,16 - 1715196



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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Printed-circuit board connector - PC 6/ 4-ST-10,16 - 1913523



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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## Accessories

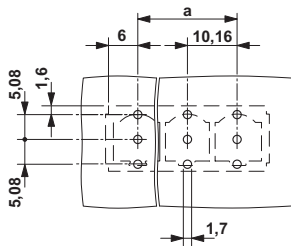
Printed-circuit board connector - PC 16/ 4-ST-10,16 - 1967391



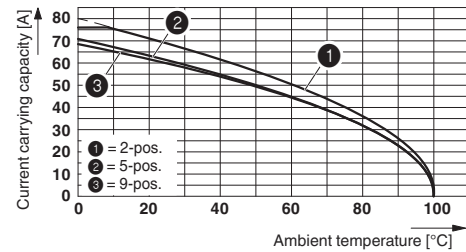
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

## Drawings

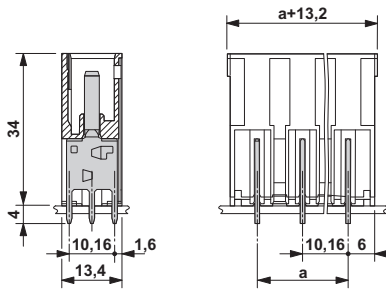
Drilling diagram



Diagram



Dimensional drawing



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