

## Base strip - IPC 16/ 3-G-10,16 - 1969548

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering




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

### Why buy this product

- Inverted IPC 16 headers for implementing a touch-proof PCB output or a PCB/PCB connection (in combination with PC 6-16 base strips)
- PCB-SHIELD shroud (EMC connection)



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 943783
Weight per Piece (excluding packing)	8.35 g
Custom tariff number	85366990
Country of origin	Germany

### Technical data

#### Dimensions

Length	32.1 mm
Pitch	10.16 mm
Dimension a	20.32 mm
Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

#### General

Range of articles	IPC 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

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## Technical data

### General

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
Inflammability class according to UL 94	V0
Color	green
Number of positions	3

## 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

### 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 / CCA / IECCE CB Scheme / GOST / cULus Recognized

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# Base strip - IPC 16/ 3-G-10,16 - 1969548

## Approvals

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

IECEE CB Scheme	
Nominal current IN	76 A
Nominal voltage UN	1000 V

GOST	
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### Approvals

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

Accessories - CS-IPC 16/ 6 - 1970016



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

### Terminal marking

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



Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office printing systems, Mounting type: Adhesive, Lettering field: 186 x 5 mm

### Additional products

Printed-circuit board connector - IPC 16/ 3-ST-10,16 - 1969386



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

## Base strip - IPC 16/ 3-G-10,16 - 1969548

### Accessories

Printed-circuit board connector - ISPC 16/ 3-ST-10,16 - 1748558



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

Base strip - PC 6-16/ 3-G1-10,16 - 1998946



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

Base strip - PC 6-16/ 3-G1U-10,16 - 1996249



Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

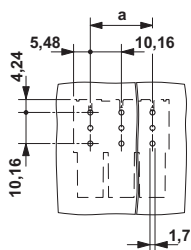
Base strip - PCV 6-16/ 3-G1-10,16 - 1998797



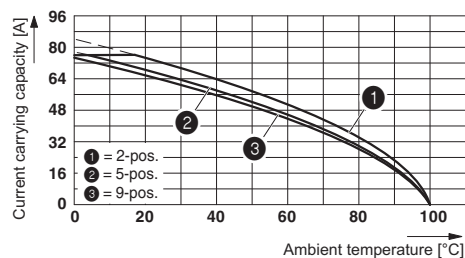
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Assembly: Soldering

### Drawings

Drilling diagram



Diagram



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Dimensioned drawing

