

## Base strip - IPC 16/ 5-GFU-10,16 - 1969962

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering, Plug direction parallel to the PCB: connector part rotated by 180° with respect to the plug axis.



### Product Features

- 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	1 pc
Minimum order quantity	50 pc
GTIN	 4 017918 948719
Weight per Piece (excluding packing)	23.2 g
Custom tariff number	85366990
Country of origin	Poland

### Technical data

#### Dimensions

Length	32.1 mm
Pitch	10.16 mm
Dimension a	40.64 mm
Constructional height	14 mm
Length of the solder pin	4 mm
Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

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### Technical data

#### General

Range of articles	IPC 16/..-GFU
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 $I_N$	76 A
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	5

#### 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
ETIM 4.0	EC002637
ETIM 5.0	EC002637

##### UNSPSC

UNSPSC 6.01	30211810
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### Classifications

#### UNSPSC

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 / IECEE 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	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

## Base strip - IPC 16/ 5-GFU-10,16 - 1969962

### Approvals

	B	C	D
Nominal voltage UN	300 V	300 V	600 V

EAC
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IECEE CB Scheme 
Nominal current IN
Nominal voltage UN

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 - CS-IPC 16/ 6 - 1970016



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

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Terminal marking

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### Accessories

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/ 5-STF-10,16 - 1969483



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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Printed-circuit board connector - ISPC 16/ 5-STF-10,16 - 1748655

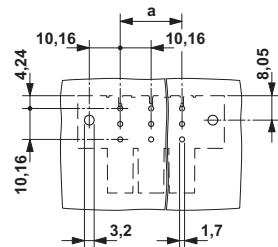


Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

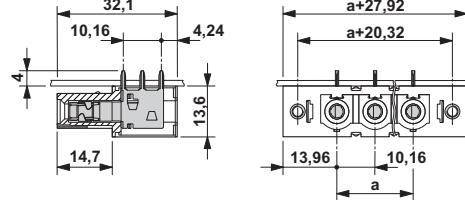
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### Drawings

Drilling diagram



Dimensional drawing



The illustration shows the 3-pos. version

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