

## Base strip - IPC 16/ 8-GF-10,16 - 1969674

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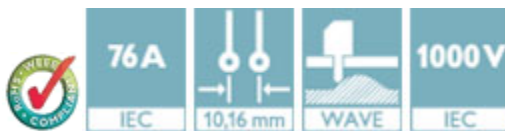
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### 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                                 |  |
| Weight per Piece (excluding packing) | 33.48 g                                                                              |
| Custom tariff number                 | 85366990                                                                             |
| Country of origin                    | Poland                                                                               |

### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length                   | 32.1 mm   |
| Pitch                    | 10.16 mm  |
| Dimension a              | 71.12 mm  |
| Constructional height    | 14 mm     |
| Length of the solder pin | 4 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                      | IPC 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)             | 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                    | 8             |

#### 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 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| 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   |
| 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  |
|------------------------------------------------------------------------------------------------------|

### 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/ 8-STF-10,16 - 1969519



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, 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/ 8-STF-10,16 - 1748684



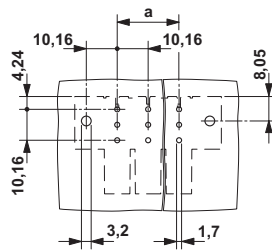
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 8, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

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### Drawings

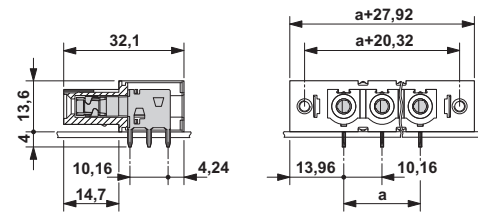
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Drilling diagram



The illustration shows the 3-pos. version

Dimensional drawing



The illustration shows the 3-pos. version

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