

## Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

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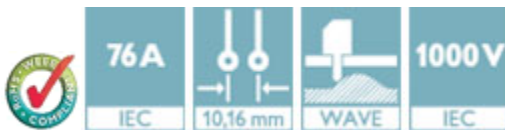
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### Product Features

- Panel thickness of 1 mm to 3 mm
- Inverted feed-through headers for implementing a touch-proof PCB output (in combination with IPC 16 ST)
- Tool-free snap-lock mechanism or conventional screw connection
- For soldering onto the PCB



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 10 pc    |
| Weight per Piece (excluding packing) | 24.25 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length                   | 22 mm     |
| Pitch                    | 10.16 mm  |
| Dimension a              | 30.48 mm  |
| Constructional height    | 34.55 mm  |
| Height                   | 34.55 mm  |
| Length of the solder pin | 4.1 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                      | DFK-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)             | 6 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             |
| Maximum load current                   | 76 A             |
| 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 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

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### Classifications

#### 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

#### Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECEx CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

|                                                                                                   |       |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|-------|
| UL Recognized  |       |       |       |
|                                                                                                   | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                    | 55 A  | 55 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 |

## Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

### Approvals

|                                                                                                  |       |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|-------|
| cUL Recognized  |       |       |       |
|                                                                                                  | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                   | 55 A  | 55 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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### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

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### Screwdriver tools

Screwdriver - SZK PH1 VDE - 1205150



Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

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Screwdriver - SZS 0,6X2,5 VDE - 1205040



Screwdriver, slot-headed, VDE insulated, size: 0.6 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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### Additional products

## Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

### Accessories

Printed-circuit board connector - ISPC 16/ 4-ST-10,16 - 1748561



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

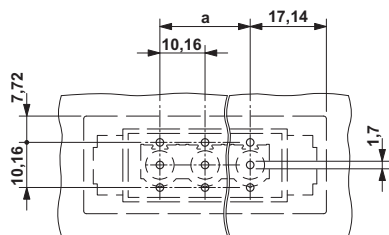
Printed-circuit board connector - IPC 16/ 4-ST-10,16 - 1969399



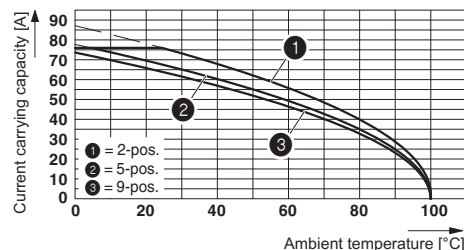
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

### Drawings

Drilling diagram

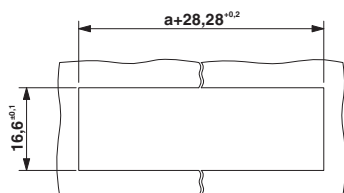


Diagram



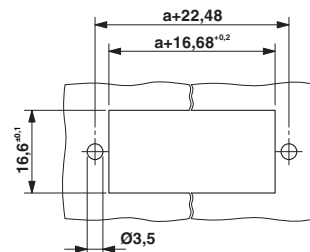
The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



Sheet metal cutout for snap-on.

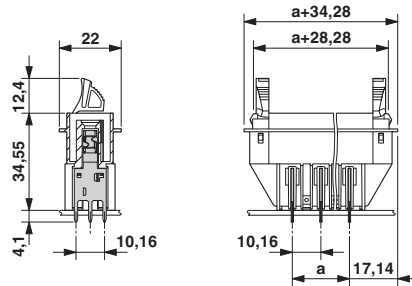
Dimensional drawing



Sheet metal cutout for screw connection.

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Dimensional drawing



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