

## Base strip - DFK-PC 6-16/ 7-GU-10,16 - 1701663

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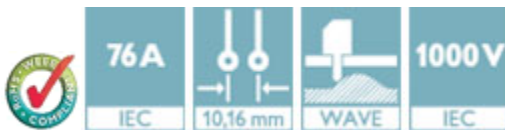
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### Product Features

- Panel thickness of 1 mm to 3 mm
- Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- Feed-through headers for use in combination with all PC 6 and PC 16 plugs
- For soldering onto the PCB



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 10 pc    |
| Weight per Piece (excluding packing) | 24.32 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Length                   | 34 mm        |
| Pitch                    | 10.16 mm     |
| Dimension a              | 60.96 mm     |
| Constructional height    | 19 mm        |
| Length of the solder pin | 4.1 mm       |
| Pin dimensions           | 1,0 x 1,2 mm |
| Pin spacing              | 10.16 mm     |

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### Technical data

#### Dimensions

|               |        |
|---------------|--------|
| Hole diameter | 1.7 mm |
|---------------|--------|

#### General

|                                        |                    |
|----------------------------------------|--------------------|
| Range of articles                      | DFK-PC 6-16/...-GU |
| 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                    | 7                  |

#### 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 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
|----------|----------|

## Base strip - DFK-PC 6-16/ 7-GU-10,16 - 1701663

### 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 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 |

## Base strip - DFK-PC 6-16/ 7-GU-10,16 - 1701663

### 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

### Additional products

## Base strip - DFK-PC 6-16/ 7-GU-10,16 - 1701663

### Accessories

Printed-circuit board connector - PC 6/ 7-ST-10,16 - 1913552



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 7, 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 16/ 7-ST-10,16 - 1967427



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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Printed-circuit board connector - TPC 16/ 7-ST-10,16 - 1715222



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

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Plug - SPC 16/ 7-ST-10,16 - 1711310



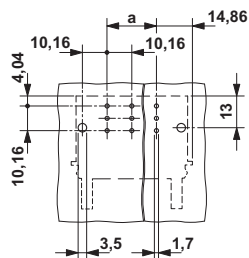
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

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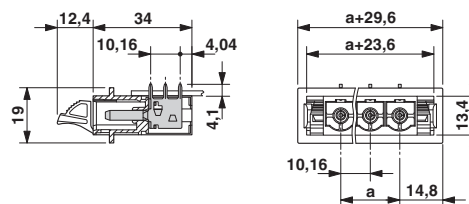
### Drawings

## Base strip - DFK-PC 6-16/ 7-GU-10,16 - 1701663

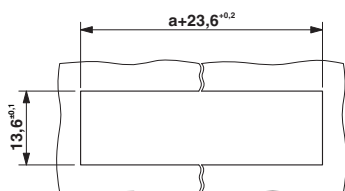
Drilling diagram



Dimensional drawing

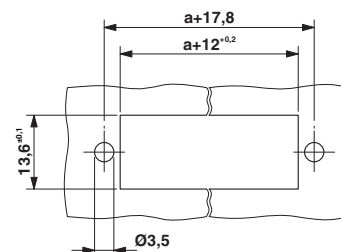


Dimensional drawing



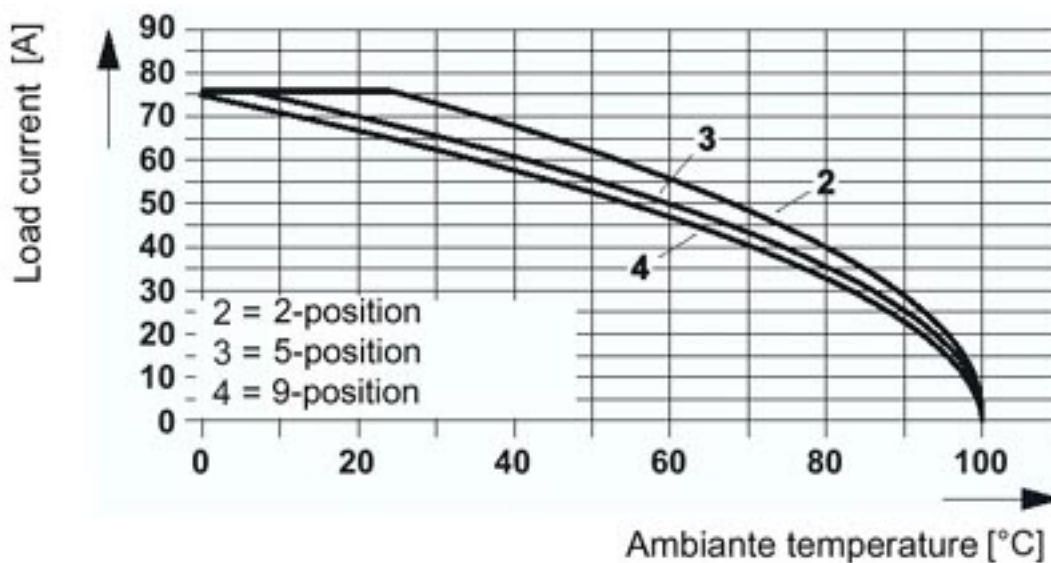
Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

Diagram



The illustration shows the derating curve for plugs DFK-PC(V) 6-16/...-G(F)(U)-(SH)-10,16 in combination with header PC 16/...-ST(F)-(SH)-10,16.



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