

## Base strip - DFK-IPC 16/ 2-GFU-SH-10,16 - 1702895

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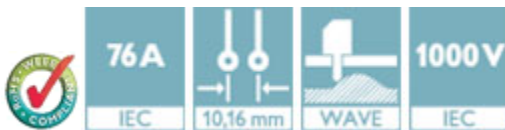
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 2, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

### Product Features

- Well-known mounting principle allows worldwide use
- Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws
- Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- Shroud for professional EMC shield feed-through on the inside of the device
- Screwable flange for superior mechanical stability
- Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 10 pc    |
| Weight per Piece (excluding packing) | 11.35 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                       |          |
|-----------------------|----------|
| Length                | 34.55 mm |
| Pitch                 | 10.16 mm |
| Dimension a           | 10.16 mm |
| Constructional height | 19.9 mm  |
| Height                | 22 mm    |

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### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length of the solder pin | 4.1 mm    |
| Pin dimensions           | 0,8 x 1,2 |
| Pin spacing              | 10.16 mm  |
| Hole diameter            | 1.7 mm    |

#### General

|                                        |                       |
|----------------------------------------|-----------------------|
| Range of articles                      | DFK-IPC 16/...-GFU-SH |
| 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                    | 2                     |

#### 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 | EC001283 |

#### 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 |

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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 |

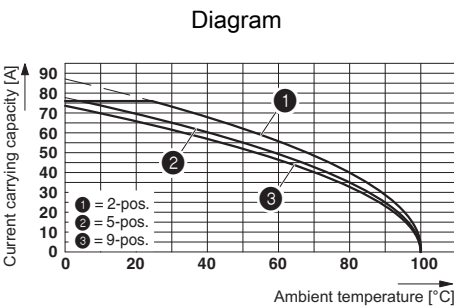
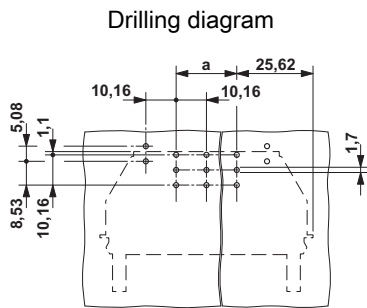
|     |
|-----|
| EAC |
|-----|

|                                                                                                   |        |
|---------------------------------------------------------------------------------------------------|--------|
| IECEE CB Scheme  |        |
|                                                                                                   |        |
| Nominal current I <sub>N</sub>                                                                    | 76 A   |
| Nominal voltage U <sub>N</sub>                                                                    | 1000 V |

|     |
|-----|
| EAC |
|-----|

|                                                                                                         |
|---------------------------------------------------------------------------------------------------------|
| cULus Recognized  US |
|---------------------------------------------------------------------------------------------------------|

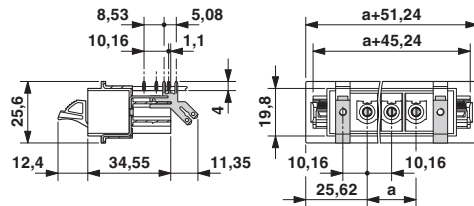
Drawings



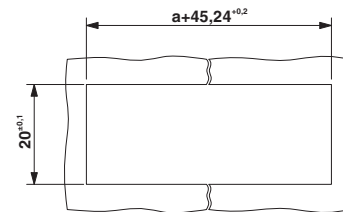
The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

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Dimensional drawing

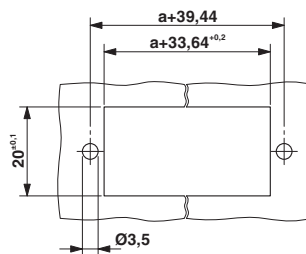


Dimensional drawing



Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

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