

## Printed-circuit board connector - DFK-PC 5/ 9-GFU-7,62 - 1727980

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Header, Nominal current: 41 A, Rated voltage (III/2): 630 V, Number of positions: 9, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Soldering



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

### Why buy this product

- ✓ Panel thickness of 1 mm to 3 mm
- ✓ Feed-through headers for use in combination with all PC 5 plugs
- ✓ Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- ✓ For soldering onto the PCB



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 10 pc                                                                                                   |
| Minimum order quantity               | 10 pc                                                                                                   |
| GTIN                                 | <br>4 046356 136235 |
| Weight per Piece (excluding packing) | 26.43 g                                                                                                 |
| Custom tariff number                 | 85366990                                                                                                |
| Country of origin                    | Poland                                                                                                  |
| Note                                 | Made to Order (non-returnable)                                                                          |

### Technical data

#### Dimensions

|                |           |
|----------------|-----------|
| Length         | 29.25 mm  |
| Pitch          | 7.62 mm   |
| Dimension a    | 60.96 mm  |
| Pin dimensions | 0,8 x 1,0 |
| Pin spacing    | 7.62 mm   |
| Hole diameter  | 1.3 mm    |

#### General

|                   |                  |
|-------------------|------------------|
| Range of articles | DFK-PC 5/...-GFU |
|-------------------|------------------|

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## Technical data

### General

|                                         |        |
|-----------------------------------------|--------|
| Insulating material group               | I      |
| Rated surge voltage (III/3)             | 6 kV   |
| Rated surge voltage (III/2)             | 6 kV   |
| Rated surge voltage (II/2)              | 6 kV   |
| Rated voltage (III/3)                   | 500 V  |
| Rated voltage (III/2)                   | 630 V  |
| Rated voltage (II/2)                    | 800 V  |
| Connection in acc. with standard        | EN-VDE |
| Nominal current I <sub>N</sub>          | 41 A   |
| Maximum load current                    | 41 A   |
| Insulating material                     | PA     |
| Inflammability class according to UL 94 | V0     |
| Color                                   | green  |
| Number of positions                     | 9      |

## 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 |

### 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

## Printed-circuit board connector - DFK-PC 5/ 9-GFU-7,62 - 1727980

### Approvals

#### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

| UL Recognized  |       |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                 | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                  | 41 A  | 41 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V | 150 V | 300 V |

| cUL Recognized  |       |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                    | B     | C     | D     |
| Nominal current I <sub>N</sub>                                                                     | 41 A  | 41 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 150 V | 300 V |

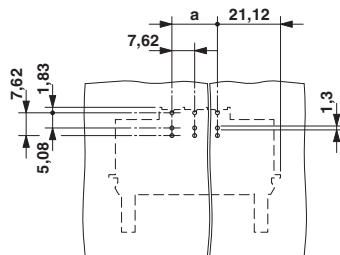
|     |
|-----|
| EAC |
|-----|

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

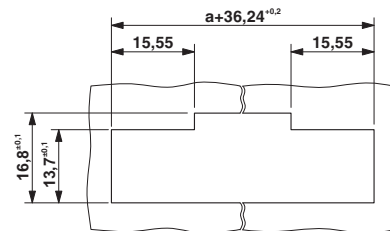
### Drawings

## Printed-circuit board connector - DFK-PC 5/ 9-GFU-7,62 - 1727980

Drilling diagram

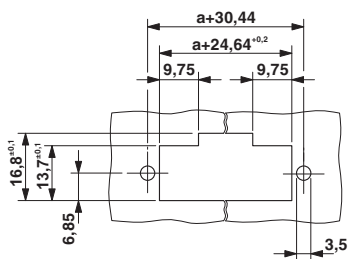


Dimensioned drawing

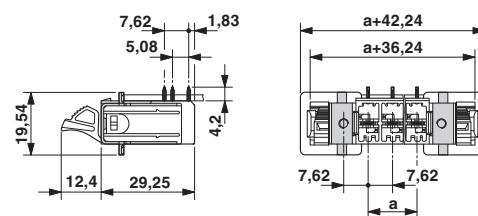


Sheet metal cutout for snap-on.

Dimensioned drawing



Dimensioned drawing



Sheet metal cutout for screw connection.