

# Printed-circuit board connector - DFK-PC 5/11-GFU-7,62 - 1728002

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Feed-through header, nominal current: 41 A, rated voltage (III/2): 630 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 11, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4.26 mm

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

## Your advantages

- ✓ 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
- ✓ Shroud for professional EMC shield connection on the front of the device
- ✓ Screwable flange for superior mechanical stability



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 10 pc         |
| GTIN         |               |
| GTIN         | 4046356136563 |

## Technical data

### Dimensions

|                          |            |
|--------------------------|------------|
| Length [ l ]             | 29.25 mm   |
| Width                    | 118.44 mm  |
| Pitch                    | 7.62 mm    |
| Dimension a              | 76.2 mm    |
| Width [ w ]              | 118.44 mm  |
| Height [ h ]             | 21.1 mm    |
| Installed height         | 19.54 mm   |
| Length of the solder pin | 4.26 mm    |
| Pin dimensions           | 0.8 x 1 mm |
| Pin spacing              | 7.62 mm    |
| Length                   | 29.25 mm   |

# Printed-circuit board connector - DFK-PC 5/11-GFU-7,62 - 1728002

## Technical data

### General

|  |                  |
|--|------------------|
| Range of articles                      | DFK-PC 5/...-GFU |
| 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               |
| Flammability rating according to UL 94 | V0               |
| Color                                  | green            |
| Number of positions                    | 11               |

### Standards and Regulations

|  |        |
|--|--------|
| Connection in acc. with standard       | EN-VDE |
|  | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

|            |   |
|------------|---|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Classifications

### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 27440402 |
| eCl@ss 4.0    | 27260700 |
| eCl@ss 4.1    | 27260700 |
| eCl@ss 5.0    | 27260700 |
| eCl@ss 5.1    | 27260700 |
| eCl@ss 6.0    | 27260700 |
| eCl@ss 7.0    | 27440402 |
| eCl@ss 8.0    | 27440402 |
| eCl@ss 9.0    | 27440402 |

### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

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## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 6.0 | EC002637 |
| ETIM 7.0 | EC002637 |

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |
| UNSPSC 18.0   | 39121409 |
| UNSPSC 19.0   | 39121409 |
| UNSPSC 20.0   | 39121409 |
| UNSPSC 21.0   | 39121409 |

## Approvals


### Approvals


Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

|     |   |         |
|-----|---|---------|
| EAC |  | B.01687 |
|-----|---|---------|

|                    |   |   |                 |
|--------------------|---|---|-----------------|
| cULus Recognized   |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | E60425-19920722 |
|                    | B   | C   | D               |
| Nominal voltage UN | 300 V   | 150 V   | 300 V           |
| Nominal current IN | 41 A  | 41 A  | 10 A            |

## Accessories

Accessories

Coding element

## Printed-circuit board connector - DFK-PC 5/11-GFU-7,62 - 1728002

### Accessories

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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### Connector set

Accessories - DFK-PC MOUNT SET - 1054021

Contains 20 pcs. latch and screw elements for feed-through connectors each

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### Labeled terminal marker

Marker card - SK 7,62/3,8:FORTL.ZAHLEN - 0804549

Marker card, Card, white, labeled, horizontal: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: 7.62 x 3.8 mm



Marker card - SK 3,8 REEL P7,62 WH CUS - 0825128

Marker card, Card, can be ordered: by card, white, labeled according to customer specifications, mounting type: adhesive, for terminal block width: 7.62 mm, lettering field size: continuous x 3.8#mm



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### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

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### Terminal marking

## Printed-circuit board connector - DFK-PC 5/11-GFU-7,62 - 1728002

### Accessories

Marker card - SK U/3,8 WH:UNBEDRUCKT - 0803906



Marker card, Sheet, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, Office printing systems, mounting type: adhesive, for terminal block width: 210 mm, lettering field size: 186 x 3.8 mm, Number of individual labels: 1440

Marker strip - SK 3,8 WH:REEL - 0805218



Marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 90000 mm, lettering field size: continuous x 3.8#mm, Number of individual labels: 210000

### Additional products

Printed-circuit board connector - TSPC 5/11-STF-7,62 - 1728293



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 11, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

Printed-circuit board connector - PC 5/11-STF1-7,62 - 1777927



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 11, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Tin

Printed-circuit board connector - SPC 5/11-STF-7,62 - 1996210



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, nominal cross section: 6 mm<sup>2</sup>, number of positions: 11, pitch: 7.62 mm, connection method: Push-in spring connection, color: green, contact surface: Tin

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