

# Printed-circuit board connector - PC 5/ 5-GF-7,62 - 1720822

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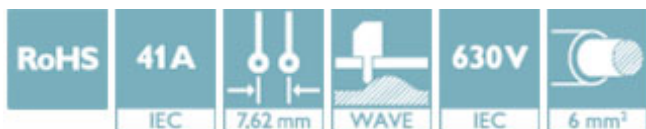
PCB headers, nominal current: 41 A, rated voltage (III/2): 630 V, number of positions: 5, pitch: 7.62 mm, color: green, contact surface: Tin, mounting: Wave soldering



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

## Why buy this product

- Well-known mounting principle allows worldwide use
- Screwable flange for superior mechanical stability
- Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

|              |               |
|--------------|---------------|
| Packing unit | 50 STK        |
| GTIN         |               |
| GTIN         | 4046356113625 |

## Technical data

### Dimensions

|                          |            |
|--------------------------|------------|
| Length [ l ]             | 29.25 mm   |
| Width                    | 54.2 mm    |
| Pitch                    | 7.62 mm    |
| Dimension a              | 30.48 mm   |
| Width [ w ]              | 54.2 mm    |
| Height [ h ]             | 19.29 mm   |
| Constructional height    | 14.29 mm   |
| Length of the solder pin | 5 mm       |
| Pin dimensions           | 0.8 x 1 mm |
| Pin spacing              | 7.62 mm    |
| Length                   | 29.25 mm   |

### General

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## Technical data

### General

|                                        |             |
|----------------------------------------|-------------|
| Range of articles                      | PC 5/...-GF |
| 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)                  | 630 V       |
| Rated voltage (III/2)                  | 630 V       |
| Rated voltage (II/2)                   | 1000 V      |
| Connection in acc. with standard       | EN-VDE      |
| Nominal current $I_N$                  | 41 A        |
| Maximum load current                   | 41 A        |
| Insulating material                    | PA          |
| Flammability rating according to UL 94 | V0          |
| Color                                  | green       |
| Number of positions                    | 5           |

### Standards and Regulations

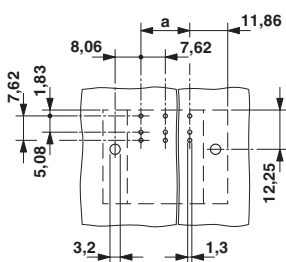
|                                        |        |
|----------------------------------------|--------|
| Connection in acc. with standard       | EN-VDE |
|                                        | CUL    |
| Flammability rating according to UL 94 | V0     |

### Environmental Product Compliance

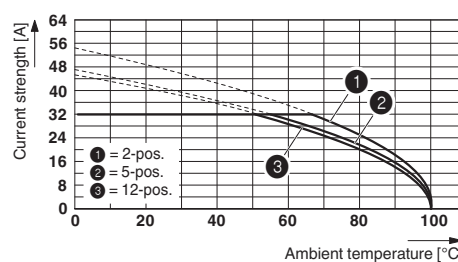
|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

## Drawings

Drilling diagram



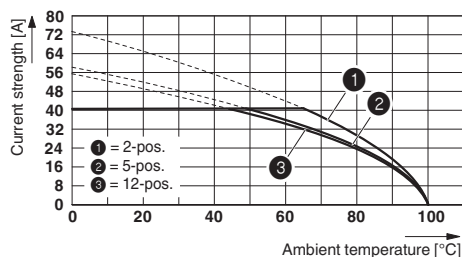
Diagram



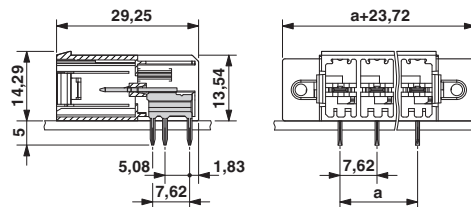
Type: PC 5/...-STF1-7,62 with PC 5/...-GF-7,62  
 Conductor cross section: 6 mm<sup>2</sup>

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Diagram



Dimensional drawing



Type: PC 5/...-STF1-7,62 with PC 5/...-GF-7,62  
 Conductor cross section: 10 mm<sup>2</sup>

## Approvals

### Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

### Approval details

|     |  |         |
|-----|--|---------|
| EAC |  | B.01742 |
|-----|--|---------|

|                  |  |                                                                                                                                                       |                 |
|------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 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 |
|------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|

|                    | D     | B     | C     |
|--------------------|-------|-------|-------|
| Nominal voltage UN | 600 V | 300 V | 150 V |
| Nominal current IN | 5 A   | 41 A  | 41 A  |

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