

## Printed-circuit board connector - PCV 5/ 5-G-7,62 - 1720602

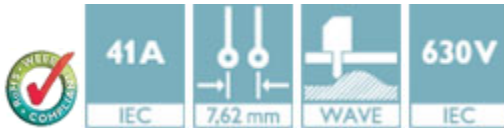
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Header, Nominal current: 41 A, Rated voltage (III/2): 630 V, Number of positions: 5, Pitch: 7.62 mm, Color: green, Contact surface: Tin, Mounting: Wave soldering

### Product Features

- Asymmetrical arrangement of solder pins to prevent mismatching
- Vertical PC 5 headers for use in combination with PC 5 plugs
- Vibration-resistant connection by means of threaded flange (-GF; also for screw connection in the device)
- Compatible with the Click and Lock system



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 12.13 g  |
| Custom tariff number                 | 85366990 |
| Country of origin                    | Poland   |

### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Length                   | 14.29 mm  |
| Pitch                    | 7.62 mm   |
| Dimension a              | 30.48 mm  |
| Constructional height    | 29.25 mm  |
| Length of the solder pin | 5 mm      |
| Pin dimensions           | 0,8 x 1,0 |
| Pin spacing              | 7.62 mm   |
| Hole diameter            | 1.3 mm    |

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## Technical data

### General

|  |             |
|--|-------------|
| Range of articles                      | PCV 5/...-G |
| 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 <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                    | 5           |

### 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 | 27260701 |
| 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 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002637 |

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## Classifications

### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211810 |
| UNSPSC 7.0901 | 39121409 |
| UNSPSC 11     | 39121409 |
| UNSPSC 12.01  | 39121409 |
| UNSPSC 13.2   | 39121409 |

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

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#### Ex Approvals


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#### Approvals submitted

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## 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 |
|-----|

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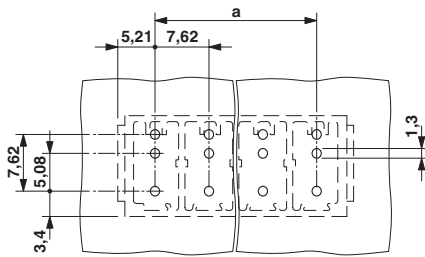
## Approvals

EAC

cULus Recognized US

## Drawings

Drilling diagram



Dimensional drawing

