

## Feed-through header - PC 6-16/ 4-GF-10,16 - 1913730

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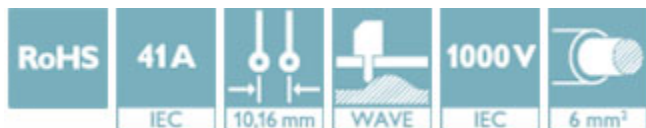


PCB headers, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering, The nominal current of 76 A applies in connection with connectors from the PC 16 family. 41 A are reached in connection with PC 6 connectors (50 A in accordance with UL).

The figure shows a 6-position version

### Your advantages

- ✓ 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                         | 1 pc                                                                                                    |
| Minimum order quantity               | 50 pc                                                                                                   |
| GTIN                                 | <br>4 017918 179212 |
| GTIN                                 | 4017918179212                                                                                           |
| Weight per Piece (excluding packing) | 20.270 g                                                                                                |
| Custom tariff number                 | 85366930                                                                                                |
| Country of origin                    | Poland                                                                                                  |

### Technical data

#### Dimensions

|              |          |
|--------------|----------|
| Length [ l ] | 32 mm    |
| Pitch        | 10.16 mm |
| Dimension a  | 30.48 mm |
| Height [ h ] | 13.7 mm  |

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### Technical data

#### Dimensions

|                          |              |
|--------------------------|--------------|
| Height                   | 14 mm        |
| Length of the solder pin | 4 mm         |
| Pin dimensions           | 0.8 x 1.2 mm |
| Length                   | 32 mm        |

#### General

|                             |                |
|-----------------------------|----------------|
| Range of articles           | PC 6-16/...-GF |
| Rated surge voltage (III/3) | 6 kV           |
| Rated surge voltage (III/2) | 8 kV           |
| Rated surge voltage (II/2)  | 8 kV           |
| Rated voltage (III/2)       | 1000 V         |
| Rated voltage (II/2)        | 1000 V         |
| Nominal current $I_N$       | 41 A           |
| Color                       | green          |
| Number of positions         | 4              |

#### Standards and Regulations

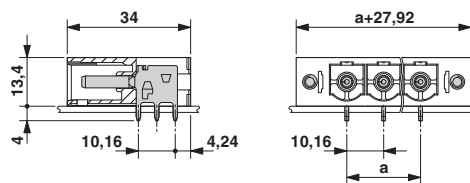
|                                  |     |
|----------------------------------|-----|
| Connection in acc. with standard | CUL |
|----------------------------------|-----|

#### Environmental Product Compliance

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

### Drawings

#### Dimensional drawing



### Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 5.0 | 27260701 |
| 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 |
| ETIM 6.0 | EC002637 |

#### UNSPSC

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

### Approvals

#### Approvals

#### Approvals

SEV / IECCEB CB Scheme / EAC / cULus Recognized

#### Ex Approvals

#### Approval details

|                    |                                                                                     |                                                                                                                                                       |         |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| SEV                |  | <a href="https://www.electrosuisse.ch/en/meta/shop/product-certificates.html">https://www.electrosuisse.ch/en/meta/shop/product-certificates.html</a> | IK-3431 |
| Nominal voltage UN | 1000 V                                                                              |                                                                                                                                                       |         |
| Nominal current IN | 76 A                                                                                |                                                                                                                                                       |         |

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### Approvals

|                    |                     |                                                           |         |
|--------------------|---------------------|-----------------------------------------------------------|---------|
| IECEE CB Scheme    | <b>CB</b><br>scheme | <a href="http://www.iecee.org/">http://www.iecee.org/</a> | CH-8077 |
| Nominal voltage UN |                     | 1000 V                                                    |         |
| Nominal current IN |                     | 76 A                                                      |         |

|     |            |         |
|-----|------------|---------|
| EAC | <b>EAC</b> | B.01742 |
|-----|------------|---------|

|                    |              |                                                                                                                                                       |                 |
|--------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| cULus Recognized   | <b>cULus</b> | <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> | E60425-20040202 |
|                    | D            | B                                                                                                                                                     | C               |
| Nominal voltage UN | 600 V        | 300 V                                                                                                                                                 | 300 V           |
| Nominal current IN | 5 A          | 66 A                                                                                                                                                  | 66 A            |

### Accessories

#### Accessories

#### Coding element

Coding profile - CP-HCC 4 - 1600027



Coding profile, pitch: 0 mm, number of positions: 1, color: red

### Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

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### Accessories

### Additional products

Printed-circuit board connector - PC 6/ 4-STF-10,16 - 1913594



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 4, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

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