

Header - PCV 6-16/ 6-G1-10,16 - 1998823

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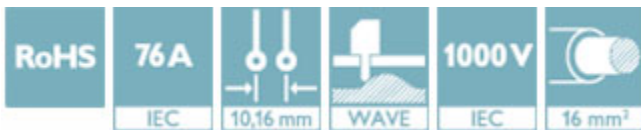


PCB headers, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, color: green, contact surface: Silver, mounting: Wave soldering

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

Why buy this product

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



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| Minimum order quantity | 50 STK |
| GTIN |  4 046356 038324 |
| GTIN | 4046356038324 |
| Weight per Piece (excluding packing) | 26.160 g |
| Custom tariff number | 85366930 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|-----------------------|----------|
| Length [l] | 13.4 mm |
| Pitch | 10.16 mm |
| Dimension a | 50.8 mm |
| Width [w] | 64 mm |
| Constructional height | 34 mm |

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Technical data

Dimensions

| | |
|--------------------------|------------|
| Height [h] | 38 mm |
| Length of the solder pin | 4 mm |
| Pin dimensions | 1 x 1.2 mm |
| Pin spacing | 1.16 mm |
| Hole diameter | 1.7 mm |

General

| | |
|--|---|
| Range of articles | PCV 6-16/..-G1 |
| Insulating material group | I |
| Rated surge voltage (III/3) | 6 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 8 kV |
| Rated voltage (III/3) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 76 A (41 A in combination with PC 6 plug) |
| Maximum load current | 76 A (41 A in combination with PC 6 plug) |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 6 |

Standards and Regulations

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

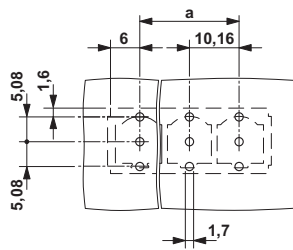
Environmental Product Compliance

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

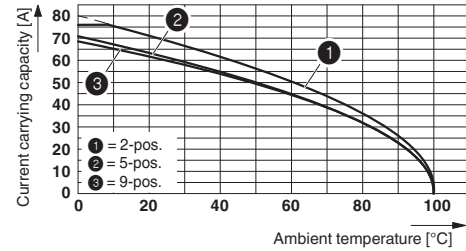
Drawings

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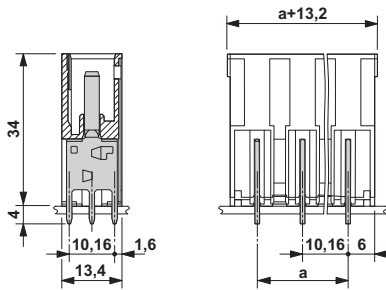
Drilling diagram



Diagram



Dimensional drawing



Classifications

eCl@ss

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

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Classifications

UNSPSC

| | |
|--------------|----------|
| UNSPSC 12.01 | 39121409 |
| UNSPSC 13.2 | 39121409 |

Approvals


Approvals


Approvals


SEV / IECEE CB Scheme / EAC / cULus Recognized


Ex Approvals

Approval details

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

| | | | |
|--------------------|---|---|---------|
| IECEE CB Scheme |  | http://www.iecee.org/ | CH-8077 |
| Nominal voltage UN | | 1000 V | |
| Nominal current IN | | 76 A | |

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

| | | | |
|--------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20040202 |
| | D | B | C |
| Nominal voltage UN | 600 V | 300 V | 300 V |

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Approvals

| | D | B | C |
|--------------------|-----|------|------|
| Nominal current IN | 5 A | 66 A | 66 A |

Accessories

Accessories

Coding element

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

Additional products

Plug - DFK-IPC 16/ 6-ST-10,16 - 1703739



Feed-through connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - SPC 16/ 6-ST-10,16 - 1711307



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Push-in spring connection, color: green, contact surface: Silver

Printed-circuit board connector - TPC 16/ 6-ST-10,16 - 1715219



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

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Accessories

Printed-circuit board connector - PC 6/ 6-ST-10,16 - 1913549



PCB connector, nominal current: 41 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver

Printed-circuit board connector - PC 16/ 6-ST-10,16 - 1967414



PCB connector, nominal current: 76 A, rated voltage (III/2): 1000 V, number of positions: 6, pitch: 10.16 mm, connection method: Screw connection with tension sleeve, color: green, contact surface: Silver