

Base strip - DFK-PCV 6-16/ 3-G-10,16 - 1702109

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Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Soldering




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

Why buy this product

- Panel thickness of 1 mm to 3 mm
- For soldering onto the PCB
- Mounted on the housing panel by means of tool-free snap-lock mechanism or conventional screw connection
- Feed-through headers for use in combination with all PC 6 and PC 16 plugs



Key commercial data

| | |
|--------------------------------------|---|
| Packing unit | 10 pc |
| Minimum order quantity | 10 pc |
| GTIN |  4 046356 031011 |
| Weight per Piece (excluding packing) | 11.35 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |
| Note | Made to Order (non-returnable) |

Technical data

Dimensions

| | |
|----------------|--------------|
| Length | 19 mm |
| Pitch | 10.16 mm |
| Dimension a | 20.32 mm |
| Pin dimensions | 1,0 x 1,2 mm |
| Pin spacing | 10.16 mm |
| Hole diameter | 1.7 mm |

General

| | |
|-------------------|-------------------|
| Range of articles | DFK-PCV 6-16/..-G |
|-------------------|-------------------|

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Technical data

General

| | |
|---|--------|
| Insulating material group | I |
| Rated surge voltage (III/3) | 8 kV |
| Rated surge voltage (III/2) | 8 kV |
| Rated surge voltage (II/2) | 6 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 |
| Maximum load current | 76 A |
| Insulating material | PA |
| Inflammability class according to UL 94 | V0 |
| Color | green |
| Number of positions | 3 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |

ETIM

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

UNSPSC

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

Approvals

Approvals

Base strip - DFK-PCV 6-16/ 3-G-10,16 - 1702109

Approvals


Approvals

UL Recognized / SEV / cUL Recognized / CCA / EAC / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | | | |
|---|-------|-------|-------|
| UL Recognized  | | | |
| | B | C | D |
| Nominal current IN | 66 A | 66 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| | |
|--------------------|--------|
| SEV | |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

| | | | |
|--|-------|-------|-------|
| cUL Recognized  | | | |
| | B | C | D |
| Nominal current IN | 66 A | 66 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

| | |
|--------------------|--------|
| CCA | |
| Nominal current IN | 76 A |
| Nominal voltage UN | 1000 V |

| |
|-----|
| EAC |
|-----|

| | |
|--|--|
| cULus Recognized  | |
|--|--|

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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

Accessories - CS-IPC 16/ 6 - 1970016



Coding pin, serves to ensure correct polarization on the PCB during manual mounting

Mounting material

Accessories - DFK-PC 16-SS - 1705449



Screw set for DFK-PC 16... connectors

Screwdriver tools

Screwdriver - SZK PH1 VDE - 1205150



Screwdriver, PH crosshead, VDE insulated, size: PH 1 x 80 mm, 2-component grip, with non-slip grip

Screwdriver - SZS 0,6X2,5 VDE - 1205040



Screwdriver, slot-headed, VDE insulated, size: 0.6 x 2.5 x 80 mm, 2-component grip, with non-slip grip

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Accessories

Additional products

Printed-circuit board connector - PC 6/ 3-ST-10,16 - 1913510



Plug component, Nominal current: 41 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Printed-circuit board connector - PC 16/ 3-ST-10,16 - 1967388



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

Printed-circuit board connector - TPC 16/ 3-ST-10,16 - 1715183



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

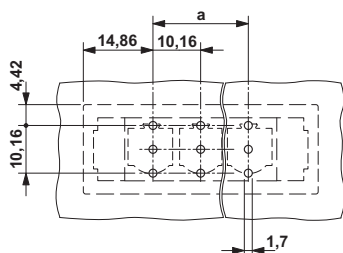
Plug - SPC 16/ 3-ST-10,16 - 1711271



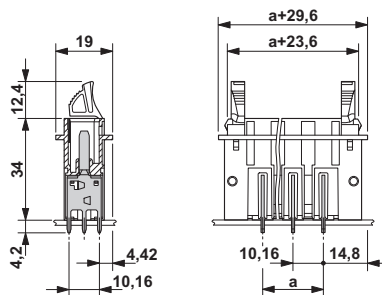
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 3, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

Drawings

Drilling diagram

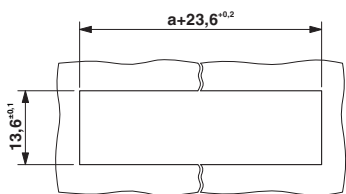


Dimensioned drawing



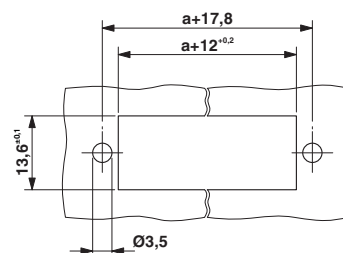
Base strip - DFK-PCV 6-16/ 3-G-10,16 - 1702109

Dimensioned drawing



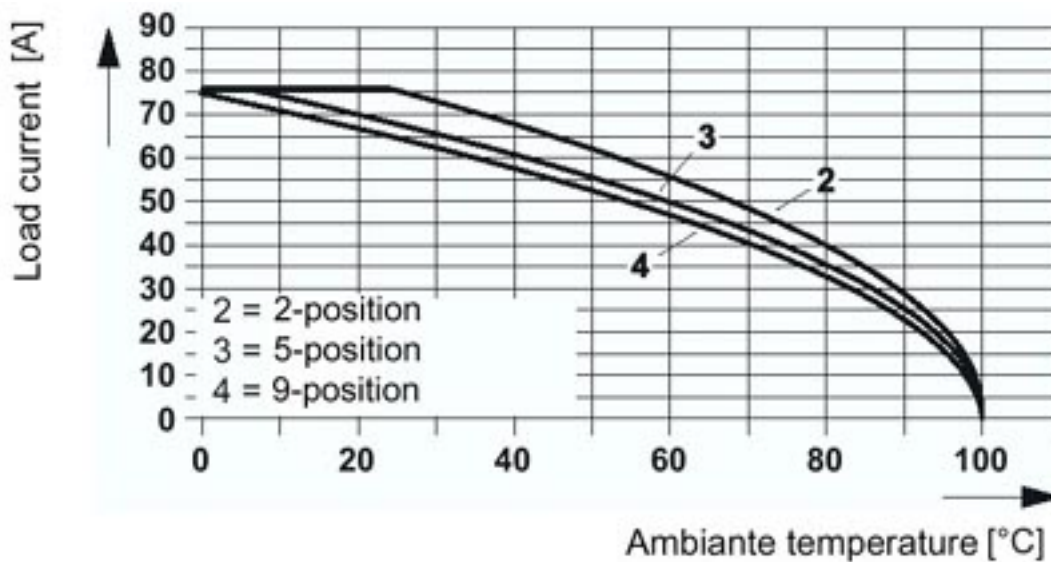
Sheet metal cutout for snap-on.

Dimensioned drawing



Sheet metal cutout for screw connection.

Diagram



The illustration shows the derating curve for plugs DFK-PC(V) 6-16/...-G(F)(U)-(SH)-10,16 in combination with header PC 16/....-ST(F)-(SH)-10,16.