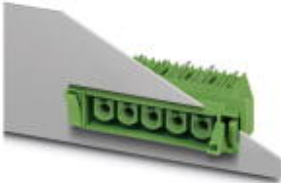


Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

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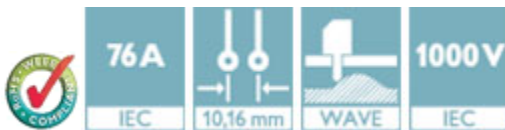
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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

Product Features

- Panel thickness of 1 mm to 3 mm
- Inverted feed-through headers for implementing a touch-proof PCB output (in combination with IPC 16 ST)
- Tool-free snap-lock mechanism or conventional screw connection
- For soldering onto the PCB



Key Commercial Data

| | |
|--------------------------------------|----------|
| Packing unit | 1 pc |
| Minimum order quantity | 10 pc |
| Weight per Piece (excluding packing) | 24.25 g |
| Custom tariff number | 85366990 |
| Country of origin | Poland |

Technical data

Dimensions

| | |
|--------------------------|-----------|
| Length | 22 mm |
| Pitch | 10.16 mm |
| Dimension a | 30.48 mm |
| Constructional height | 34.55 mm |
| Height | 34.55 mm |
| Length of the solder pin | 4.1 mm |
| Pin dimensions | 0,8 x 1,2 |

Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Technical data

Dimensions

| | |
|---------------|----------|
| Pin spacing | 10.16 mm |
| Hole diameter | 1.7 mm |

General

| | |
|--|------------------|
| Range of articles | DFK-IPCV 16/..-G |
| 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 |
| Flammability rating according to UL 94 | V0 |
| Color | green |
| Number of positions | 4 |

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 | 27141190 |
| eCl@ss 6.0 | 27260704 |
| eCl@ss 7.0 | 27440402 |
| eCl@ss 8.0 | 27440402 |
| eCl@ss 9.0 | 27440402 |

Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Classifications

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


Approvals

UL Recognized / SEV / cUL Recognized / EAC / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

| | | | |
|---|-------|-------|-------|
| UL Recognized  | | | |
| | B | C | D |
| Nominal current IN | 55 A | 55 A | 5 A |
| Nominal voltage UN | 300 V | 300 V | 600 V |

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

Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Approvals

| | | | |
|--------------------------------|-------|-------|-------|
| cUL Recognized | | | |
| | B | C | D |
| Nominal current I _N | 55 A | 55 A | 5 A |
| Nominal voltage U _N | 300 V | 300 V | 600 V |

EAC

| | |
|--------------------------------|--------|
| IECEE CB Scheme | |
| Nominal current I _N | 76 A |
| Nominal voltage U _N | 1000 V |

EAC

cULus Recognized

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



Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Accessories

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

Additional products

Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Accessories

Printed-circuit board connector - ISPC 16/ 4-ST-10,16 - 1748561



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

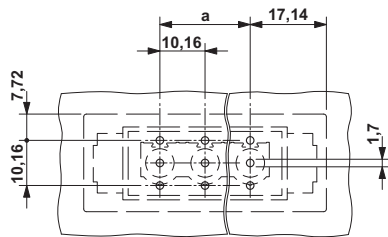
Printed-circuit board connector - IPC 16/ 4-ST-10,16 - 1969399



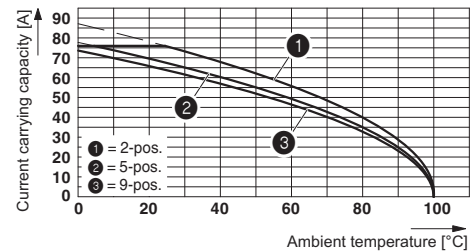
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 4, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Drawings

Drilling diagram

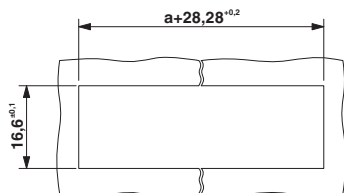


Diagram



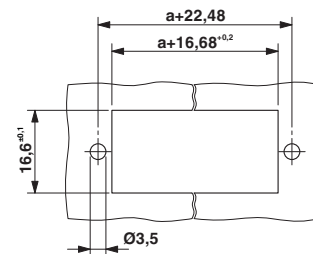
The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



Sheet metal cutout for snap-on.

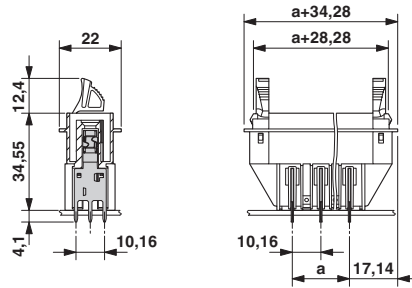
Dimensional drawing



Sheet metal cutout for screw connection.

Base strip - DFK-IPCV 16/ 4-G-10,16 - 1703072

Dimensional drawing



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