

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

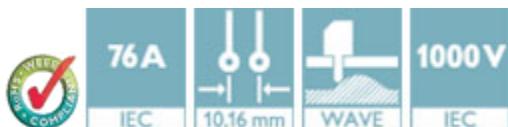
Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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)
- For soldering onto the PCB
- Tool-free snap-lock mechanism or conventional screw connection



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	22 mm
Pitch	10.16 mm
Dimension a	40.64 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
Pin spacing	10.16 mm
Hole diameter	1.7 mm

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

Technical data

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	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	27141190
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

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

Classifications

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 / IECEE 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

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

Approvals

cUL Recognized 			
	B	C	D
Nominal current IN	55 A	55 A	5 A
Nominal voltage UN	300 V	300 V	600 V

EAC

IECEE CB Scheme 	
Nominal current IN	76 A
Nominal voltage UN	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

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

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

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

Accessories

Printed-circuit board connector - ISPC 16/ 5-ST-10,16 - 1748574



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

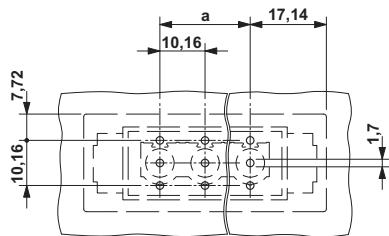
Printed-circuit board connector - IPC 16/ 5-ST-10,16 - 1969409



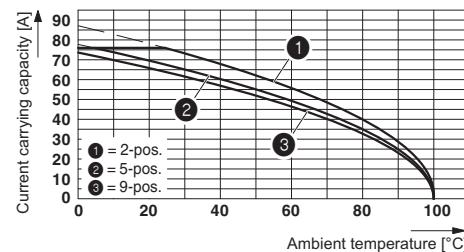
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 5, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Drawings

Drilling diagram

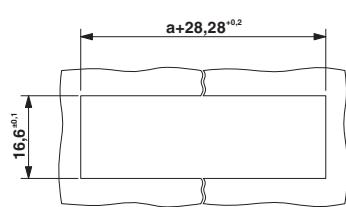


Diagram

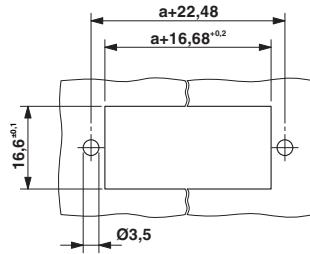


The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



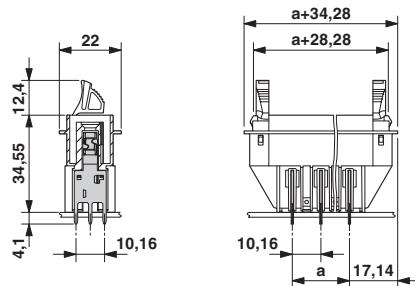
Dimensional drawing



Sheet metal cutout for screw connection.

Housing - DFK-IPCV 16/ 5-G-10,16 - 1703085

Dimensional drawing



Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1703085](#)