

Housing - DFK-IPCV 16/ 7-GF-10,16 - 1703263

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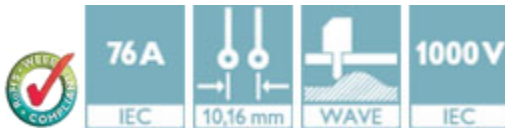
Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Wave soldering



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)
- 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
Weight per Piece (excluding packing)	40.97 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length	22 mm
Pitch	10.16 mm
Dimension a	60.96 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

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Technical data

Dimensions

Pin spacing	10.16 mm
Hole diameter	1.7 mm

General

Range of articles	DFK-IPCV 16/...-GF
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	7

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

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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 / IECEx CB Scheme / EAC / cULus Recognized

Ex Approvals

Approvals submitted


Approval details

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


SEV	
Nominal current I _N	76 A
Nominal voltage U _N	1000 V

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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 
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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

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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/ 7-GF-10,16 - 1703263

Accessories

Printed-circuit board connector - ISPC 16/ 7-STF-10,16 - 1748671



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Push-in spring connection, Color: green, Contact surface: Silver

Printed-circuit board connector - IPC 16/ 7-STF-10,16 - 1969506



Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

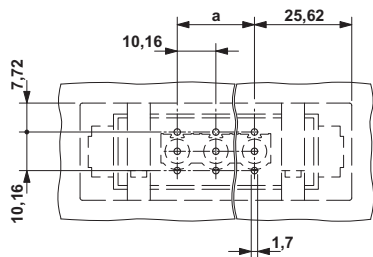
Printed-circuit board connector - IPC 16/ 7-STF-SH-10,16 - 1737336



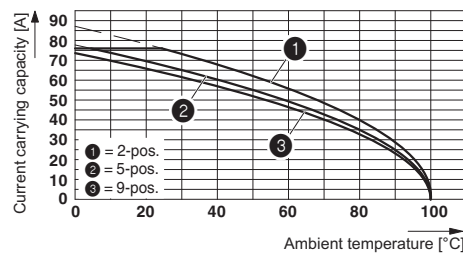
Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 7, Pitch: 10.16 mm, Connection method: Screw connection with tension sleeve, Color: green, Contact surface: Silver

Drawings

Drilling diagram



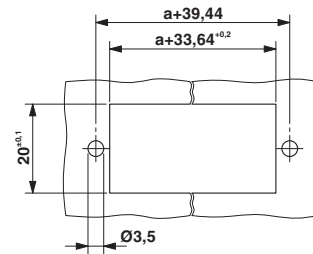
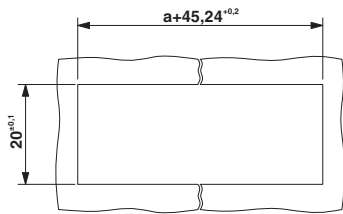
Diagram



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

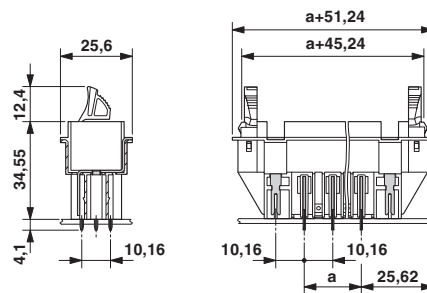
Dimensional drawing

Dimensional drawing



Sheet metal cutout for screw connection.

Dimensional drawing



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