Base strip - DFK-IPC 16/ 6-GFU-SH-10,16 - 1702934

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

Header, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Color: green, Contact surface: Silver, Mounting: Soldering

Why buy this product

- 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	10 pc
Minimum order quantity	10 pc
GTIN	4 046356 031523
Weight per Piece (excluding packing)	25.3 g
Custom tariff number	85366990
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	34.55 mm
Height	22 mm
Pitch	10.16 mm
Dimension a	50.8 mm
Pin dimensions	0,8 x 1,2
Pin spacing	10.16 mm
Hole diameter	1.7 mm

General

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Technical data

General

Range of articles	DFK-IPC 16/..-GFU-SH
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	6

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	27141134

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 5.0	EC001283

UNSPSC

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

Approvals

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Approvals

Approvals

UL Recognized / SEV / cUL Recognized / CCA / EAC / IECEE CB Scheme / 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

cUL Recognized

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

CCA

Nominal current IN	76 A
Nominal voltage UN	1000 V

EAC

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Approvals

IECEE CB Scheme

Nominal current IN	76 A
Nominal voltage UN	1000 V

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

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

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Accessories

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

Printed-circuit board connector - IPC 16/ 6-STF-10,16 - 1969496

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Screw connection, Color: green, Contact surface: Silver

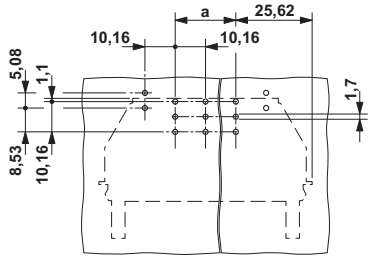
Printed-circuit board connector - ISPC 16/ 6-STF-10,16 - 1748668

Plug component, Nominal current: 76 A, Rated voltage (III/2): 1000 V, Number of positions: 6, Pitch: 10.16 mm, Connection method: Spring-cage connection, Color: green, Contact surface: Silver

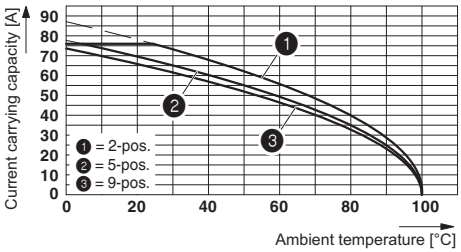
Drawings

Base strip - DFK-IPC 16/ 6-GFU-SH-10,16 - 1702934

Drilling diagram

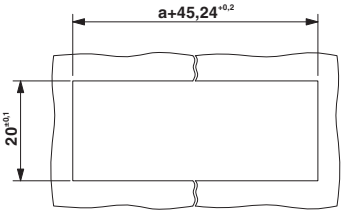


Diagram



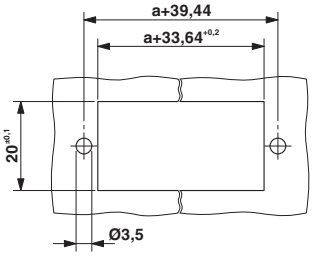
The illustration shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensioned drawing



Sheet metal cutout for snap-on.

Dimensioned drawing



Sheet metal cutout for screw connection.

Dimensioned drawing