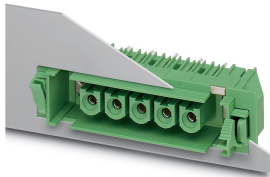


Feed-through header - DFK-IPCV 16/ 6-GF-10,16 - 1703250

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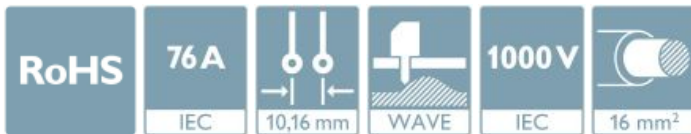


Feed-through header, nominal cross section: 16 mm², color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Silver, type of contact: Female connector, Number of potentials: 6, Number of rows: 1, Number of positions per row: 6, number of connections: 6, product range: DFK-IPCV 16/..-GF, pitch: 10.16 mm, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 4.1 mm, plug-in system: POWER COMBICON 16, Locking: Screw locking, type of packaging: packed in cardboard

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

Your advantages

- ✓ Well-known mounting principle allows worldwide use
- ✓ Flange system enables secure fixing to the housing panel by means of tool-free snap-in locking or screws
- ✓ Inverted header with socket contacts for touch-proof device outputs or PCB/PCB connections
- ✓ Shroud for professional EMC shield connection on the front of the device
- ✓ Screwable flange for superior mechanical stability
- ✓ Integrated double steel spring provides additional safety in the event of temperature and power fluctuations



Key Commercial Data

Packing unit	1 pc
Minimum order quantity	10 pc
GTIN	
GTIN	4046356031769
Weight per Piece (excluding packing)	36.800 g
Custom tariff number	85366990
Country of origin	Poland

Technical data

Dimensions

Length [!]	22 mm
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Feed-through header - DFK-IPCV 16/ 6-GF-10,16 - 1703250

Technical data

Dimensions

Pitch	10.16 mm
Dimension a	50.8 mm
Height [h]	34.55 mm
Installed height	34.55 mm
Length of the solder pin	4.1 mm
Pin dimensions	0.8 x 1.2 mm
Pin spacing	10.16 mm
Length	22 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	6

Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

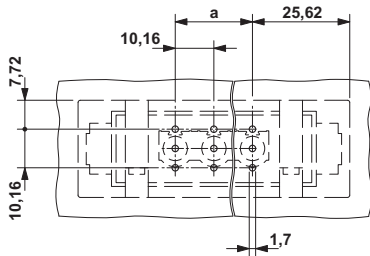
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

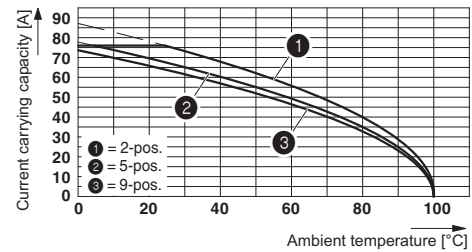
Drawings

Feed-through header - DFK-IPCV 16/ 6-GF-10,16 - 1703250

Drilling diagram

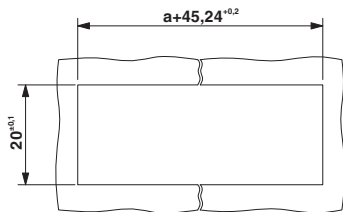


Diagram



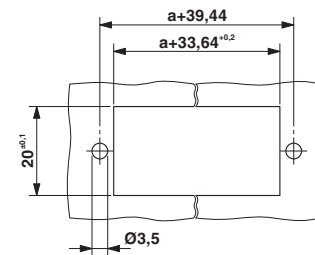
The figure shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



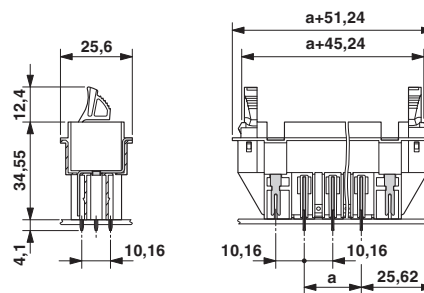
Sheet metal cutout for snap-on.

Dimensional drawing



Sheet metal cutout for screw connection.

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27440402
eCl@ss 11.0	27460201
eCl@ss 4.0	27260700
eCl@ss 4.1	27260700
eCl@ss 5.0	27260700
eCl@ss 5.1	27260700

Feed-through header - DFK-IPCV 16/ 6-GF-10,16 - 1703250

Classifications

eCl@ss

eCl@ss 6.0	27260700
eCl@ss 7.0	27440402
eCl@ss 9.0	27440402

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002637
ETIM 6.0	EC002637
ETIM 7.0	EC002637

UNSPSC

UNSPSC 6.01	30211810
UNSPSC 7.0901	39121409
UNSPSC 11	39121409
UNSPSC 12.01	39121409
UNSPSC 13.2	39121409
UNSPSC 18.0	39121409
UNSPSC 19.0	39121409
UNSPSC 20.0	39121409
UNSPSC 21.0	39121409

Approvals


Approvals

Approvals

IECEE CB Scheme / SEV / EAC / cULus Recognized

Ex Approvals


Approval details


IECEE CB Scheme		http://www.iecee.org/	CH-10654-M1
Nominal voltage UN	1000 V		


Feed-through header - DFK-IPCV 16/ 6-GF-10,16 - 1703250

Approvals

Nominal current IN	76 A
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SEV		https://www.eurofins.ch/de/	IK-4469-M1
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

EAC		B.01687
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20040202
	B	C	D
Nominal voltage UN	300 V	300 V	600 V
Nominal current IN	55 A	55 A	5 A