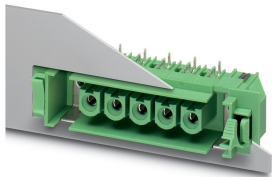


# Feed-through header - DFK-IPC 16/ 3-GFU-10,16 - 1702824

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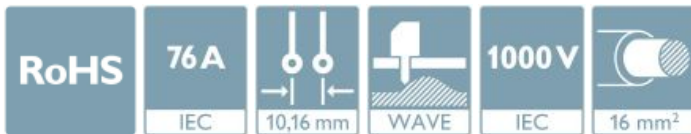


Feed-through header, nominal cross section: 16 mm<sup>2</sup>, color: green, nominal current: 76 A, rated voltage (III/2): 1000 V, contact surface: Silver, type of contact: Female connector, Number of potentials: 3, Number of rows: 1, Number of positions per row: 3, number of connections: 3, product range: DFK-IPC 16/..-GFU, 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	4046356031417
Weight per Piece (excluding packing)	13.850 g
Custom tariff number	85366990
Country of origin	Poland

## Technical data

### Dimensions

Length [!]	34.55 mm
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# Feed-through header - DFK-IPC 16/ 3-GFU-10,16 - 1702824

## Technical data

### Dimensions

Width	71.56 mm
Pitch	10.16 mm
Dimension a	20.32 mm
Width [ w ]	71.56 mm
Height [ h ]	22 mm
Installed height	19.9 mm
Length of the solder pin	4.1 mm
Pin dimensions	0.8 x 1.2 mm
Pin spacing	10.16 mm
Length	34.55 mm

### General

Range of articles	DFK-IPC 16/...-GFU
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 <sub>N</sub>	76 A
Maximum load current	76 A
Insulating material	PA
Flammability rating according to UL 94	V0
Color	green
Number of positions	3

### Standards and Regulations

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

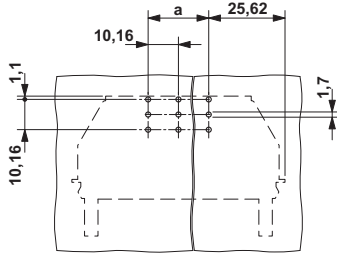
### Environmental Product Compliance

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

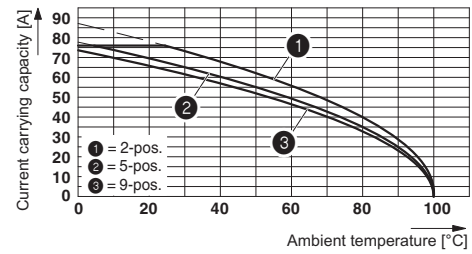
## Drawings

# Feed-through header - DFK-IPC 16/ 3-GFU-10,16 - 1702824

Drilling diagram

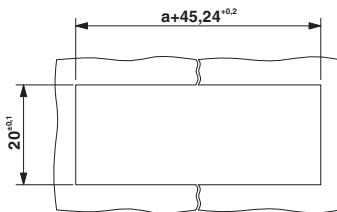


Diagram



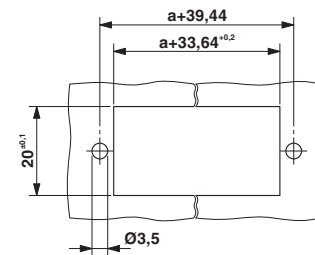
The figure shows the derating curve for DFK-IPC 16/..-G-10,16 inverted plugs in combination with the inverted header IPC 16/..-ST-10,16.

Dimensional drawing



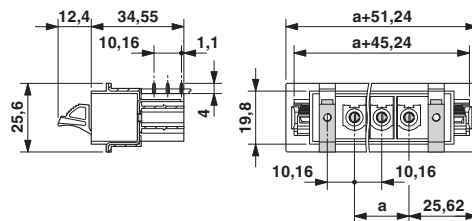
Sheet metal cutout for snap-on.

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-IPC 16/ 3-GFU-10,16 - 1702824

## 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		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	CH-10654-M1
Nominal voltage UN	1000 V		


## Feed-through header - DFK-IPC 16/ 3-GFU-10,16 - 1702824

### Approvals

Nominal current IN	76 A
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SEV		<a href="https://www.eurofins.ch/de/">https://www.eurofins.ch/de/</a>	IK-4469-M1
Nominal voltage UN	1000 V		
Nominal current IN	76 A		

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