

# Feed-through header - EMCV 1,5/ 5-GF-3,81 - 1879311

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PCB headers, nominal current: 8 A, number of positions: 5, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Press-in technology



The figure shows a 10-position version of the product

## Your advantages

- ✓ Long-term stable press-in connection ensures high holding force without thermal load
- ✓ Screwable flange for superior mechanical stability
- ✓ Vertical connection enables multi-row arrangement on the PCB
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918173876

## Technical data

### Dimensions

Length [ l ]	13.8 mm
Width	29.44 mm
Pitch	3.81 mm
Dimension a	15.24 mm
Width [ w ]	29.44 mm
Height [ h ]	7.25 mm
Height	10 mm
Length of the solder pin	3.8 mm
Pin dimensions	0.8 x 0.8 mm
Length	13.8 mm

### General

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### Technical data

#### General

Range of articles	EMCV 1,5/...-GF
Insulating material group	IIIa
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	160 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	250 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	8 A
Maximum load current	8 A
Insulating material	PBT
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

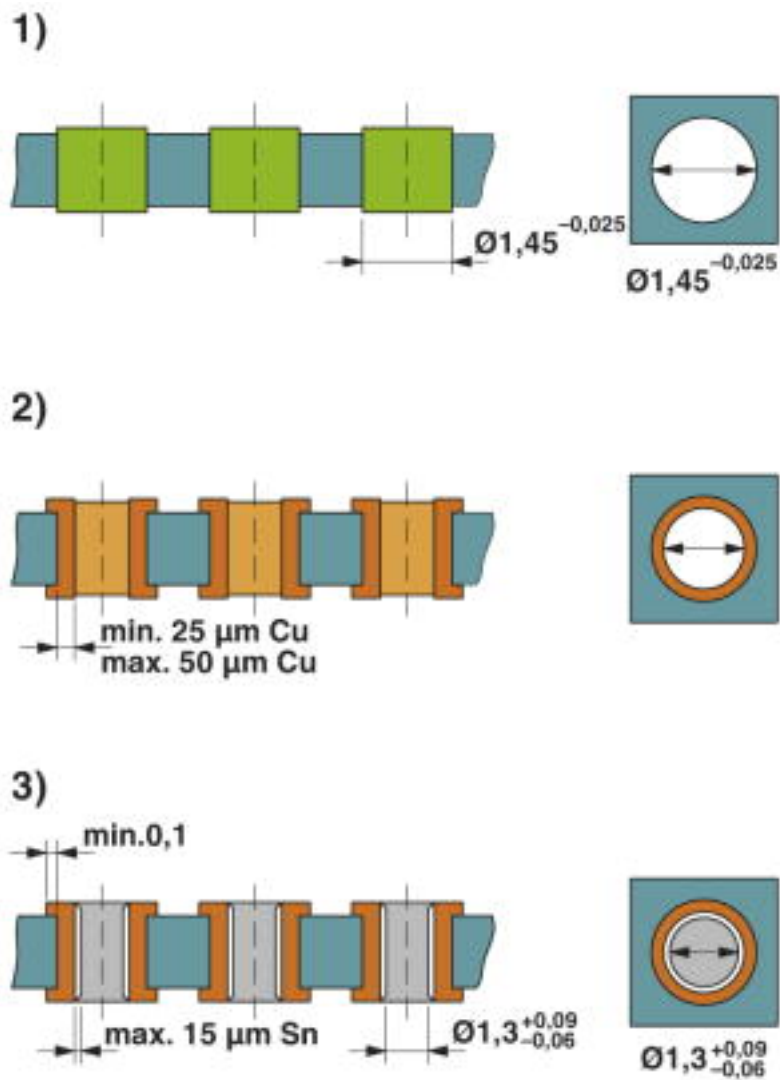
#### Environmental Product Compliance

	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

### Drawings

# Feed-through header - EMCV 1,5/ 5-GF-3,81 - 1879311

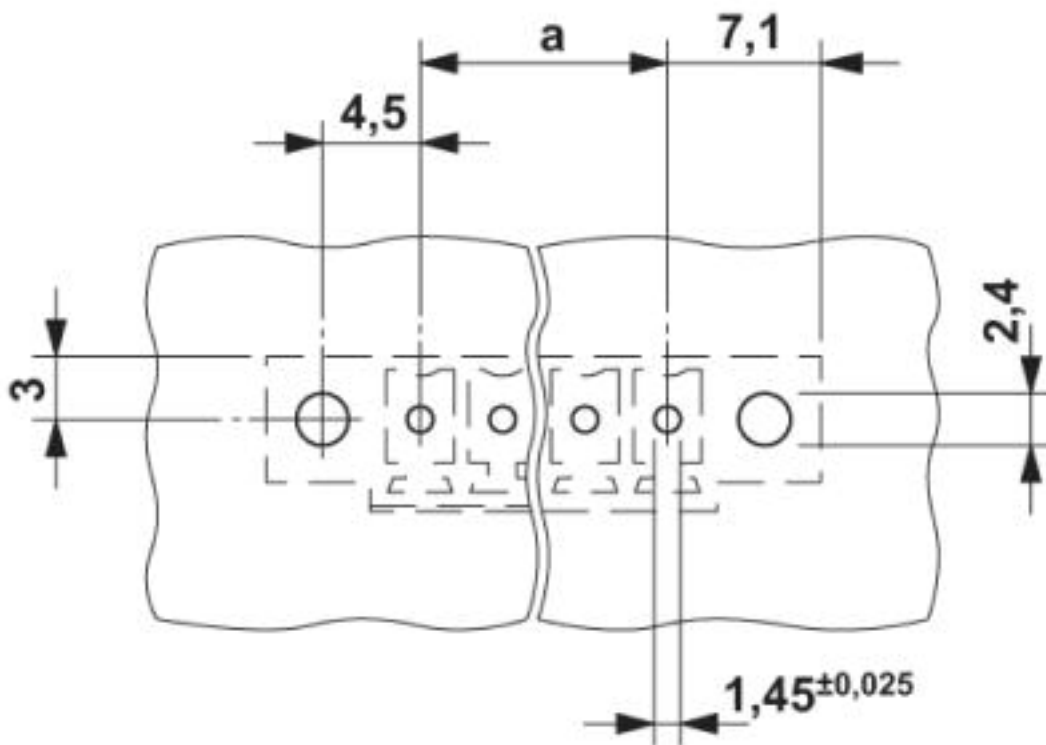
Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

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Drilling diagram



## Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

## Approval details

EAC		B.01742
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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>	E60425-20110128
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	B	D
Nominal voltage UN	300 V	300 V

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### Approvals

	B	D
Nominal current IN	8 A	8 A

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