

## Feed-through header - EMC 1,5/ 3-G-3,81 - 1897814

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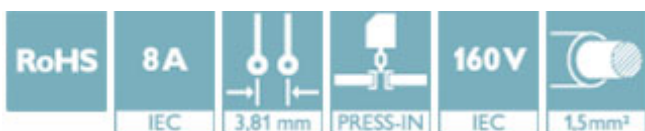
PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 3, pitch: 3.81 mm, color: green, contact surface: Tin, mounting: Press-in technology



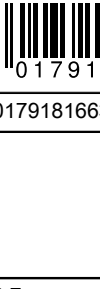
The figure shows a 10-position version of the product

### Your advantages

- ✓ Long-term stable press-in connection ensures high holding force without thermal load
- ✓ Maximum flexibility when it comes to device design – one header for connectors with different connection technologies



### Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 166397
GTIN	4017918166397

### Technical data

#### Dimensions

Length [ l ]	10.7 mm
Width	12.82 mm
Pitch	3.81 mm
Dimension a	7.62 mm
Width [ w ]	12.82 mm
Height [ h ]	10.5 mm
Height	7 mm
Length of the solder pin	3.5 mm
Pin dimensions	0.8 x 0.8 mm
Length	10.7 mm

#### General

Range of articles	EMC 1,5/...-G
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### Technical data

#### General

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 <sub>N</sub>	8 A
Maximum load current	8 A
Insulating material	PBT
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

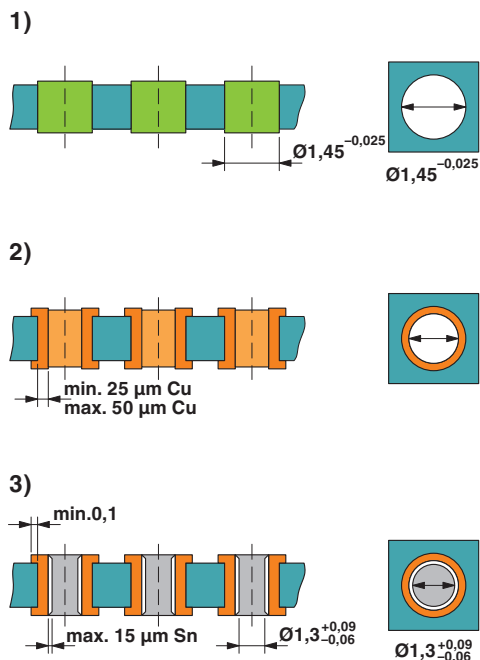
#### Environmental Product Compliance

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

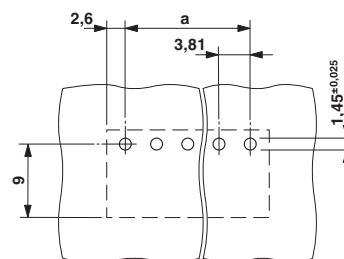
### Drawings

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Drilling diagram

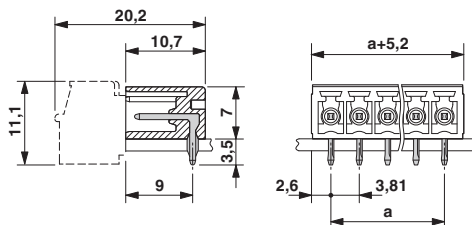


Drilling diagram



Drill hole layout in FR4 or EP-GC basic material

Dimensional drawing



## Approvals

Approvals

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Approvals

EAC / cULus Recognized

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Ex Approvals


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## Approval details

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### Approvals

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
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	8 A	8 A	

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