

## Feed-through header - MCD 0,5/ 5-G1-2,5 - 1894833

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



PCB headers, nominal current: 4 A, number of positions: 5, pitch: 2.5 mm, color: green, contact surface: Tin, mounting: Wave soldering

The figure shows a 10-pos. version with 20 contacts

### Your advantages

- Well-known mounting principle allows worldwide use
- Conductor connection on several levels enables higher contact density



### Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4017918162108

### Technical data

#### Dimensions

Length [ l ]	17.5 mm
Width	14.4 mm
Pitch	2.5 mm
Dimension a	10 mm
Width [ w ]	14.4 mm
Height [ h ]	25.7 mm
Height	21.9 mm
Length of the solder pin	3.8 mm
Pin dimensions	0.8 x 0.8 mm
Length	17.5 mm

#### General

Range of articles	MCD 0,5/...-G1
-------------------	----------------

## Feed-through header - MCD 0,5/ 5-G1-2,5 - 1894833

### Technical data

#### General

Insulating material group	I
Rated surge voltage (III/3)	1.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/3)	80 V
Rated voltage (III/2)	160 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	4 A
Maximum load current	4 A
Insulating material	PA
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

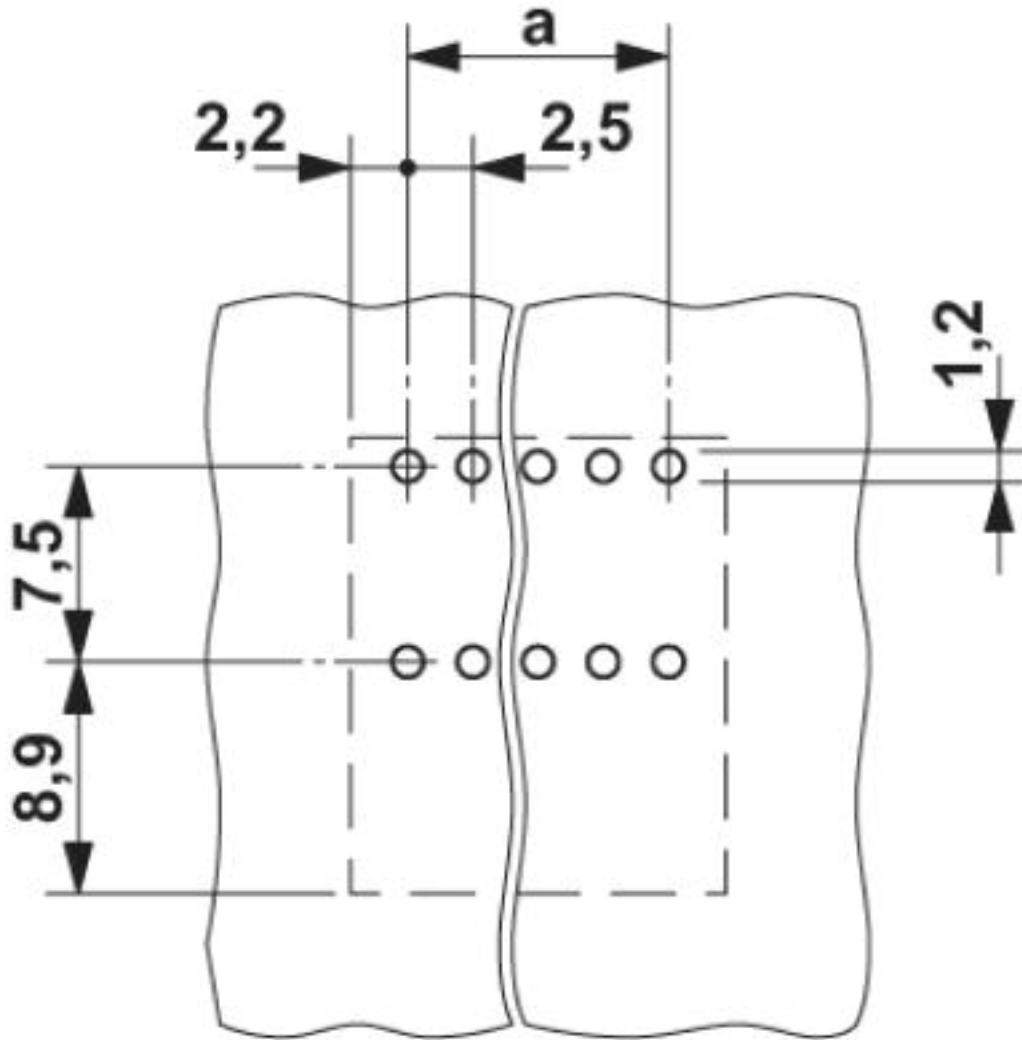
#### Environmental Product Compliance

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

### Drawings

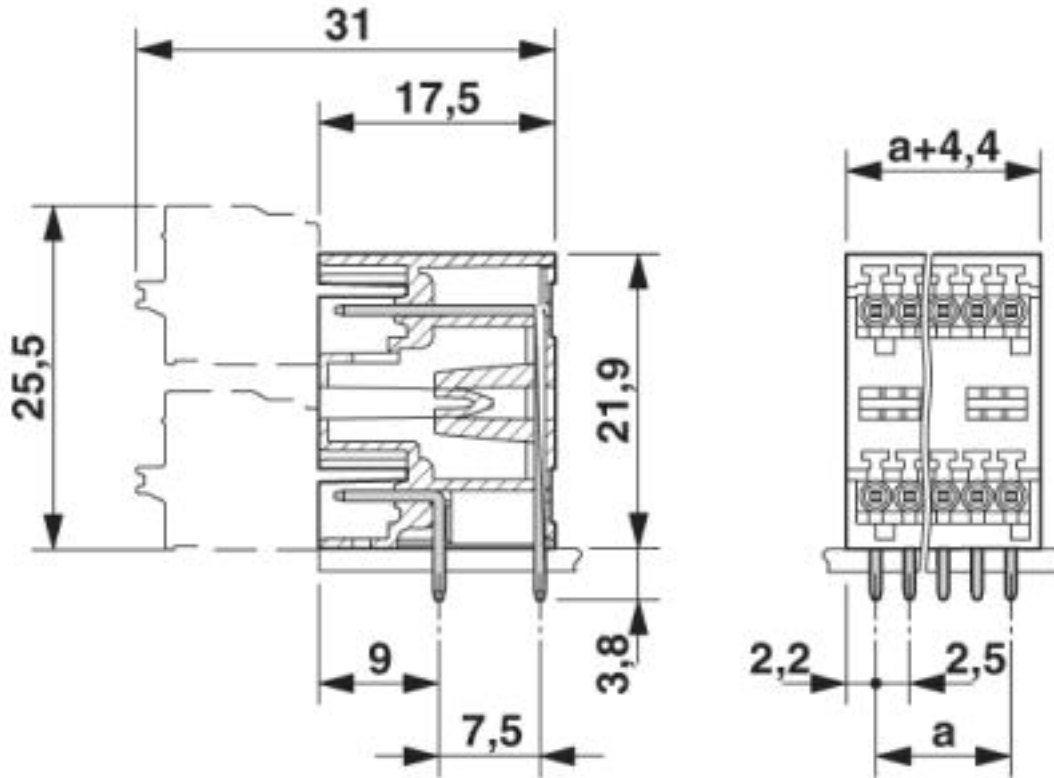
# Feed-through header - MCD 0,5/ 5-G1-2,5 - 1894833

Drilling diagram



# Feed-through header - MCD 0,5/ 5-G1-2,5 - 1894833

Dimensional drawing



## Approvals

Approvals

Approvals

CCA / IEC60335 CB Scheme / VDE Gutachten mit Fertigungsüberwachung / EAC / cULus Recognized


Ex Approvals


## Approval details

CCA	CCA/ DE1 34250
Nominal voltage UN	80 V
Nominal current IN	4 A


## Feed-through header - MCD 0,5/ 5-G1-2,5 - 1894833

### Approvals

IECEE CB Scheme		<a href="http://www.iecee.org/">http://www.iecee.org/</a>	DE1-56068-B1B2
Nominal voltage UN		80 V	
Nominal current IN		4 A	

VDE Gutachten mit Fertigungsüberwachung		<a href="http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx">http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx</a>	40013394
Nominal voltage UN		80 V	
Nominal current IN		4 A	

EAC			B.01742
-----	--	--	---------

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>	E60425-19930913
		B	
Nominal voltage UN		125 V	
Nominal current IN		4 A	

Phoenix Contact 2019 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
 Flachsmarktstr. 8  
 32825 Blomberg  
 Germany  
 Tel. +49 5235 300  
 Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>