

# MC 1,5/15-GF-3,81 P20 THR - PCB connectors



1829153

<https://www.phoenixcontact.com/us/products/1829153>

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PCB headers, color: black, contact surface: Tin, number of positions: 15, product range: MC 1,5/.-GF-THR, pitch: 3.81 mm, pin layout: Linear pinning, solder pin [P]: 2 mm, type of packaging: packed in cardboard



## Commercial data

Item number	1829153
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AA01
Product key	AABTBA
Catalog page	Page 19 (NTK-2014)
GTIN	4046356869034
Weight per piece (including packing)	5.05 g
Weight per piece (excluding packing)	4.27 g
Customs tariff number	85366930
Country of origin	DE

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## Technical data

### Product properties

Product type	PCB headers
Product family	MC 1,5/...-GF-THR
Type	Component suitable for through hole reflow
Number of positions	15
Pitch	3.81 mm
Mounting flange	Threaded flange
Pin layout	Linear pinning

### Electrical properties

Maximum load current	8 A
Rated voltage (II/2)	250 V
Rated voltage (III/2)	160 V
Rated surge voltage (II/2)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (III/3)	2.5 kV

### Mounting

Mounting type	THR soldering
Pin layout	Linear pinning

### Processing notes

Process	Reflow/wave soldering
Moisture Sensitive Level	MSL 1
Classification temperature T <sub>c</sub>	250 °C
Solder cycles in the reflow	3

### Material specifications

Flammability rating according to UL 94	V0
Insulating material group	IIIa
Insulating material	LCP
Contact surface	Tin Sn

### Dimensions

Dimensional drawing	
Width	67.54 mm
Installed height	6.9 mm
Height	8.9 mm

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Length of the solder pin	2 mm
Length	9.2 mm
Length of the solder pin	2 mm
Hole diameter	1.4 mm
Pitch	3.81 mm

## Packaging specifications

Type of packaging	packed in cardboard
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## MC 1,5/15-GF-3,81 P20 THR - PCB connectors

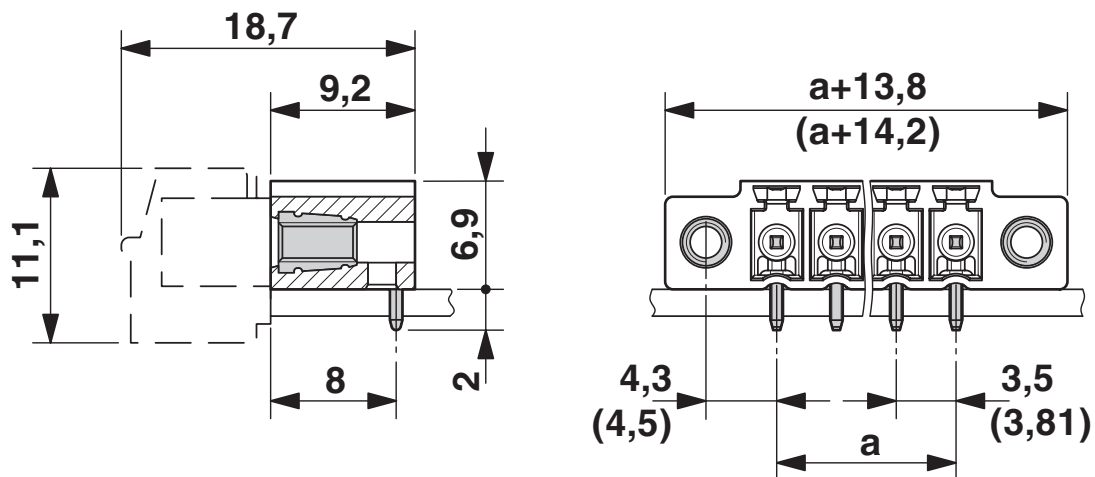


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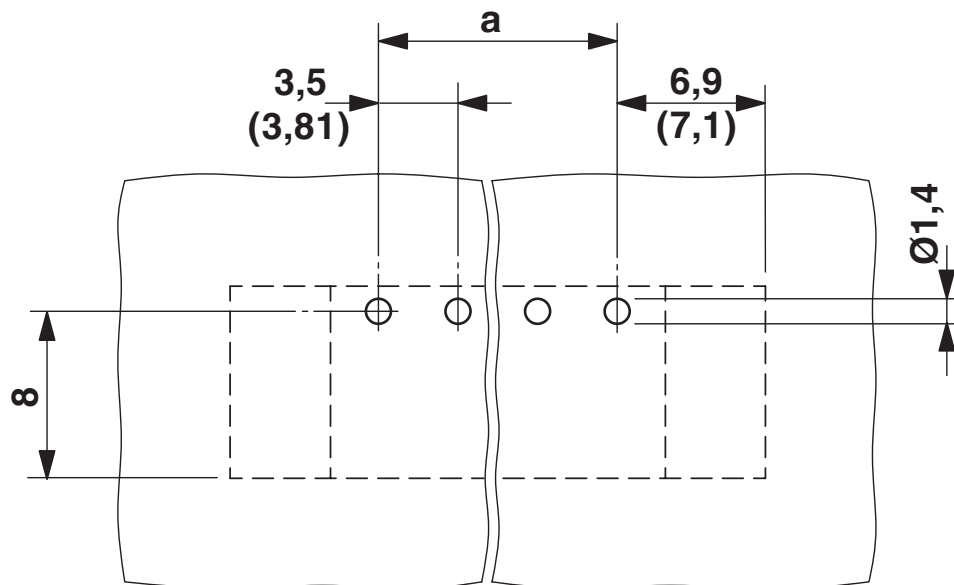
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## Drawings

## Dimensional drawing



Drilling plan/solder pad geometry



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## Classifications

### ECLASS

ECLASS-13.0	27460201
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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