

MC 1,5/18-GF-3,81 P20 THR - PCB connectors



1829182

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PCB headers, color: black, contact surface: Tin, number of positions: 18, 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	1829182
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AA01
Product key	AABTBA
Catalog page	Page 19 (NTK-2014)
GTIN	4046356869065
Weight per piece (including packing)	5.784 g
Weight per piece (excluding packing)	5.203 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	18
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

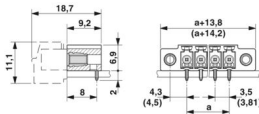
Processing notes

Process	Reflow/wave soldering
Moisture Sensitive Level	MSL 1
Classification temperature T _c	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	78.97 mm
Installed height	6.9 mm
Height	8.9 mm

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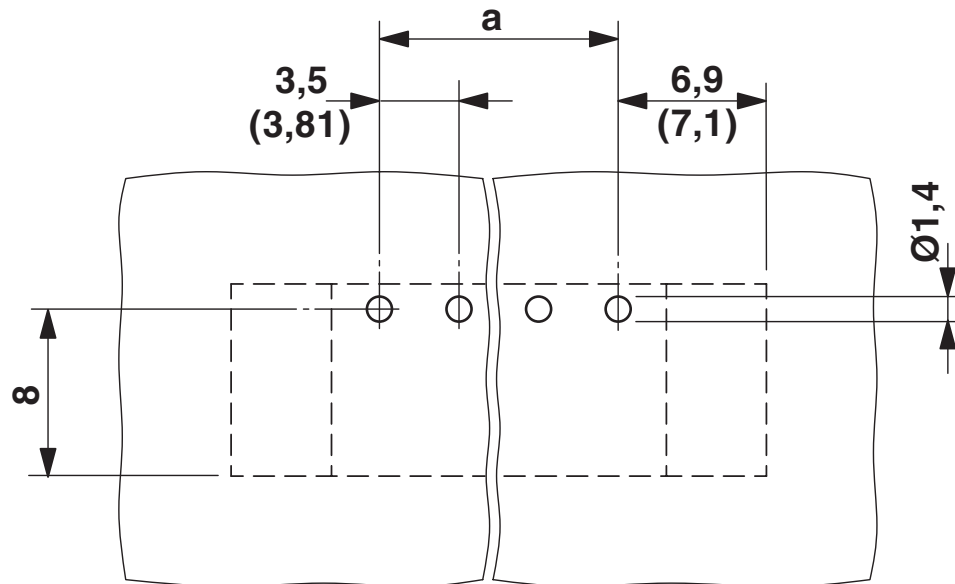
Length of the solder pin	2 mm
Length	9.2 mm
Length of the solder pin	2 mm
Hole diameter	1.4 mm
Pitch	3.81 mm

Packaging specifications

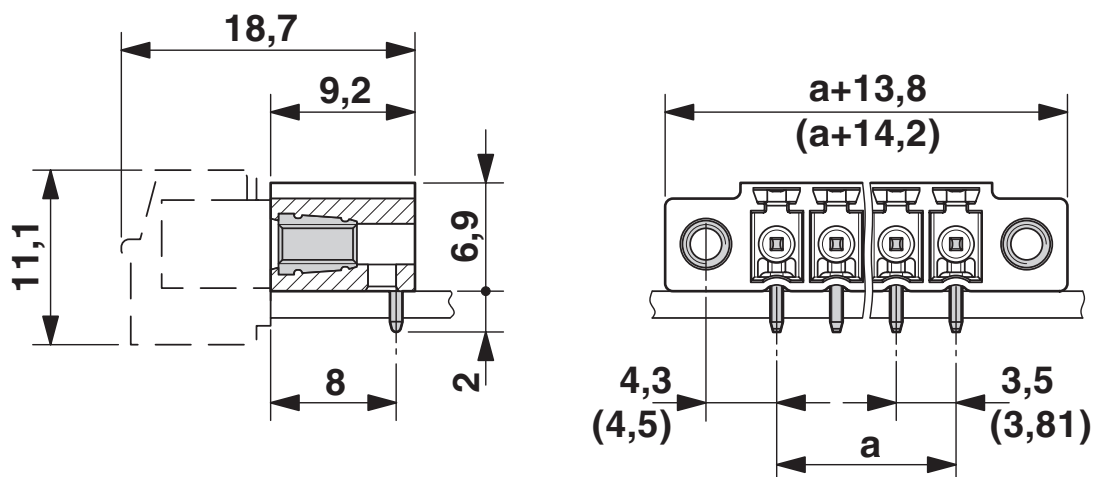
Type of packaging	packed in cardboard
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Drawings

Drilling plan/solder pad geometry



Dimensional drawing



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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
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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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