

**Data sheet | Item number: 2092-1707**

THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 7-pole;  
black



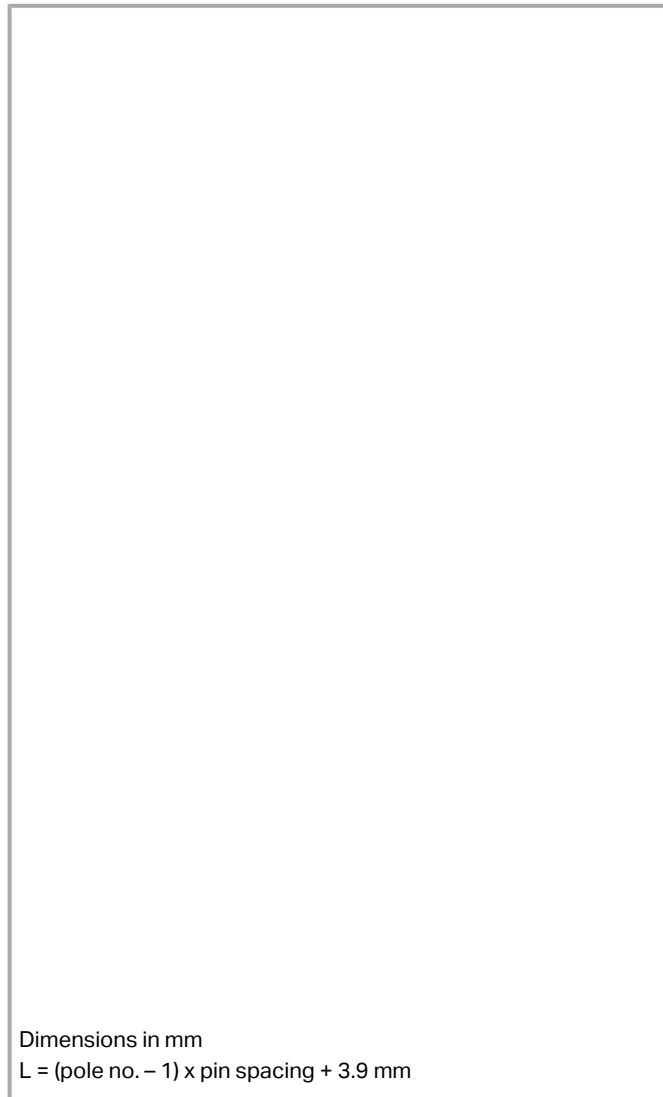
[www.wago.com/2092-1707](http://www.wago.com/2092-1707)



Subject to changes. Please also observe the further product documentation!

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### Item description

- Solder pin strips may be mounted horizontally or vertically via straight or angled solder pins
- Assembly of female connectors without loss of poles, allowing different functions to be divided within one solder pin strip

### Data

### Notes

Safety information

The **picoMAX<sup>®</sup> Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected

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/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

## Electrical data

### Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated impulse voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated impulse voltage (III/2)	4 kV
Nominal voltage (II/2)	630 V
Rated surge voltage (II/2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

### Connection data

Number of connection types	1
Number of levels	1

### Connection 1

Pole number	7
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### Physical data

Pin spacing	5 mm / 0.197 inches
Width	37.9 mm / 1.492 inches
Height	14.6 mm / 0.575 inches
Height from the surface	11 mm / 0.433 inches
Depth	2.8 mm / 0.110 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 <sup>(+0.1)</sup> mm

### Mechanical Data

Variable coding	No
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Anti-rotation protection	Yes
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### Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °
Locking of plug-in connection	none

### PCB contact

PCB contact	THT
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### Material Data

Note (material data)

[Information on material specifications can be found here](#)

Color	black
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	Tin
Weight	1.5 g

### Environmental requirements

Limit temperature range	-60 ... +100 °C
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### Commercial data

ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	400 pcs
Packaging type	bag
Country of origin	CN
GTIN	4055143935555
Customs tariff number	85366930000

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## Environmental Product Compliance

RoHS Compliance Status

Compliant, No Exemption

## Approvals / Certificates

### General approvals

Logo	Approval	Additional Approval Text	Certificate name
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	EN 61984	71- 102261 REV.2
	<b>UL</b> Underwriters Laboratories Inc.	UL 1977	E45171

## Counterpart

Item no. 2092-1127

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 7-pole; 2,50 mm<sup>2</sup>; light gray[www.wago.com/2092-1127](http://www.wago.com/2092-1127)

## Downloads

### Documentation

#### Additional Information

2019 年4月3日

pdf  
2.0 MB

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## CAD/CAE-Data

### CAD data

2D/3D Models 2092-1707

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## Environmental Product Compliance

### Compliance Search

Environmental Product Compliance 2092-1707

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## Installation Notes

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