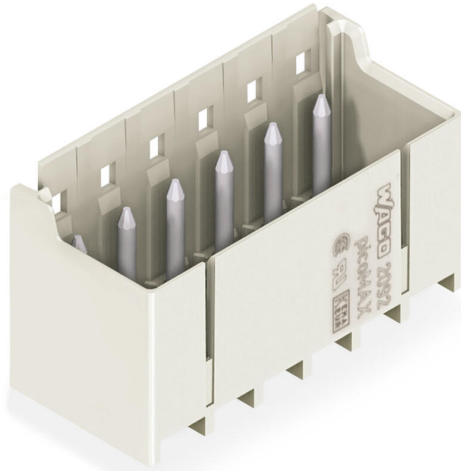


## Data sheet | Item number: 2092-1403/200-000

THR male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 3-pole;  
light gray

[www.wago.com/2092-1403/200-000](http://www.wago.com/2092-1403/200-000)



RoHS   
Compliant

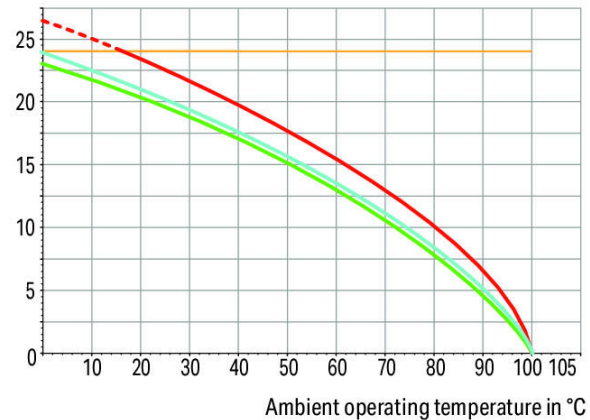
BOMcheck.net

Color:

### Derating Curve

1-conductor female connector (2092-1122) with  
THT male header (2092-1402)  
Pin spacing: 5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



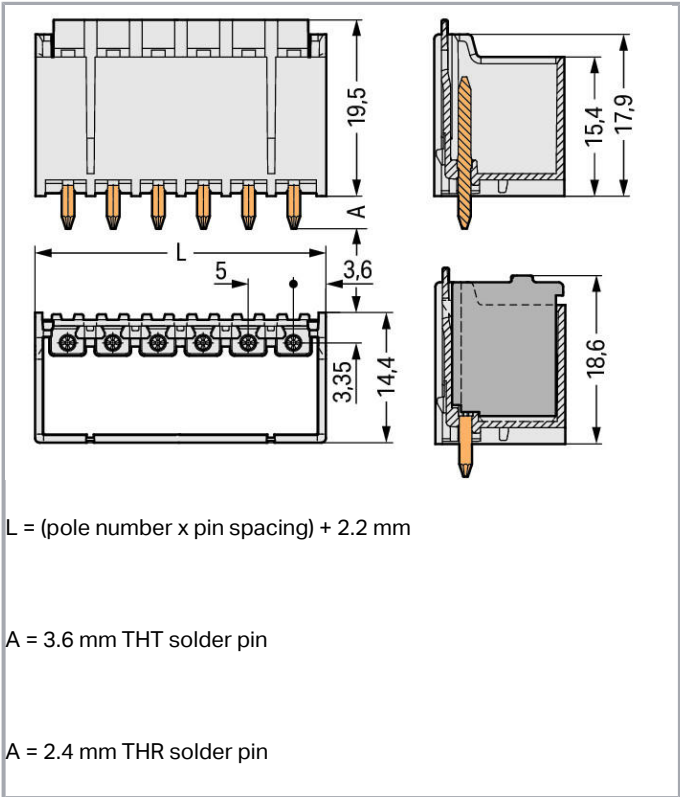
2-, 6-pole

Conductor rated current

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

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Item description

- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header
- Coding pins inserted into the header interface prevent mismating, allowing subsequent coding in panel feedthrough applications
- The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g

Safety information 1:

The **picoMAX® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Data

Electrical data

Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV

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

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Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A
Approvals per	UL 1059

### Connection data

No. of poles	3
Total number of potentials	3
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	17,2 mm / 0.677 inch
Height	21,9 mm / 0.862 inch
Height from the surface	19,5 mm / 0.768 inch
Depth	14,4 mm / 0.567 inch
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1,6 <sup>(+0,1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCB
Mismating protection	No
Mating direction to the PCB	90°
Locking of plug-in connection	Locking latch

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

## PCB contact

PCB contact	THR
-------------	-----

## Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.045 MJ
Weight	2.1 g

## Environmental Requirements


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


Packaging type	BOX
Country of origin	DE
GTIN	4050821395645
Customs Tariff No.	85366990990

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CSA DEKRA Certification B.V.	C22.2	2362521

### UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1977	20190909-E45171

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

## Counterpart



Item no.2092-1123

1-conductor female plug; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 3-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1123](http://www.wago.com/2092-1123)

## Downloads

### Documentation

#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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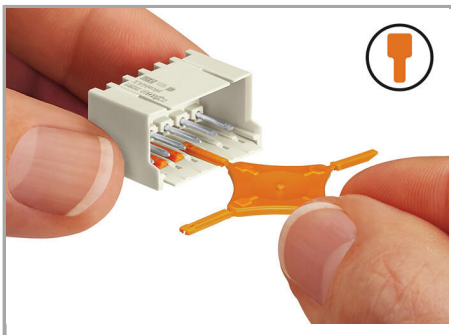
## CAD/CAE-Data

### CAD data

2D/3D Models 2092-1403/200-000	URL	Download
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## Installation Notes

### Coding



Coding a male header (via coding key carrier and two keys for male header, see symbol).

## Product family

picoMAX

[Show all products from the family](#)

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

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