

## Data sheet | Item number: 2092-3422

THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 2-pole



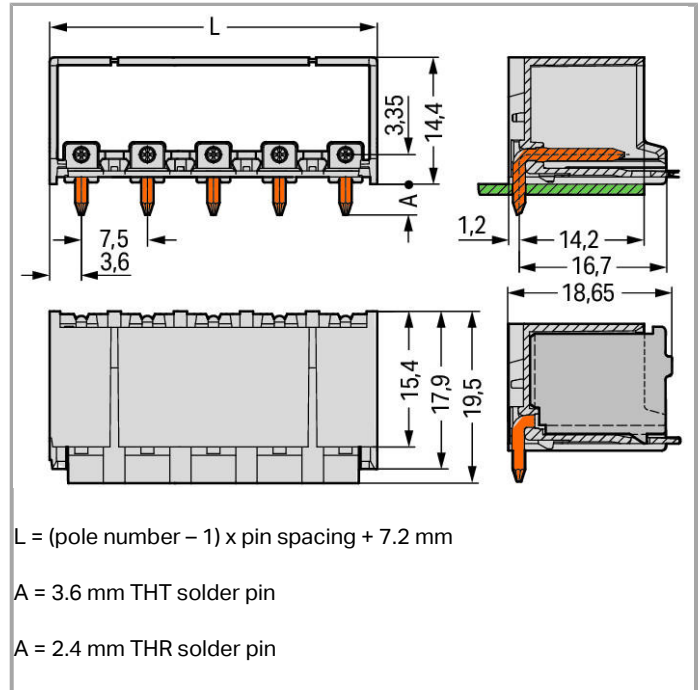
[www.wago.com/2092-3422](http://www.wago.com/2092-3422)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Color:



### 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 mismatching, 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

### Data

#### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	400 V
Rated impulse voltage (III / 3)	6 kV
Rated voltage (III / 2)	630 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV



Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ Overvoltage category III / Pollution degree 2

### Connection data

No. of poles	2
Total number of potentials	2
Number of levels	1

### Geometrical Data

Pin spacing	7.5 mm (0.295 inch)
Width	14.7 mm / 0.579 inch
Height	18 mm / 0.709 inch
Height from the surface	14.4 mm / 0.567 inch
Depth	19.5 mm / 0.768 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	1.6 <sup>(+0.1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	0°
Locking of plug-in connection	Male locking latch

### PCB contact

PCB contact	THT
-------------	-----

### Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.04 MJ
Weight	1.8 g

## Environmental Requirements



Limit temperature range	-60 ... +100 °C
-------------------------	-----------------

## Commercial data



Country of origin	DE
GTIN	4050821164678
Customs Tariff No.	85366990990
Product Group	26 (picoMAX)

## Approvals / Certificates

### Country specific Approvals

Logo	Approval	Certificate name
	<b>CB</b> DEKRA Certification B.V.	NL-49737
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	71-102261
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	71-102261

### UL-Approvals

Logo	Approval	Certificate name
	<b>cURus</b> Underwriters Laboratories Inc.	E45172
	<b>UR</b> Underwriters Laboratories Inc.	E45171

## Downloads

### smartDATA

#### CAD data

3D Download 2092-3422	<a href="#">URL</a>	<a href="#">Download</a>
-----------------------	---------------------	--------------------------

#### PCB libraries



EAGLE Library for WAGO picoMAX <sup>®</sup>	2.1 Nov 17, 2017	ZIP 1.9 MB	Download
DesignSpark Library for WAGO picoMAX <sup>®</sup> Compatible with DesignSpark PCB Version 4.x or higher	2.1 Oct 6, 2014	ZIP 2.0 MB	Download
TARGET Library for WAGO picoMAX <sup>®</sup> Compatible with TARGET PCB Design Software Version 17.x	1.1.0 Oct 6, 2014	ZIP 2.4 MB	Download

## Product family

### picoMAX

[Learn more about the product family.](#)

[Show all products from the family](#)

Subject to changes.