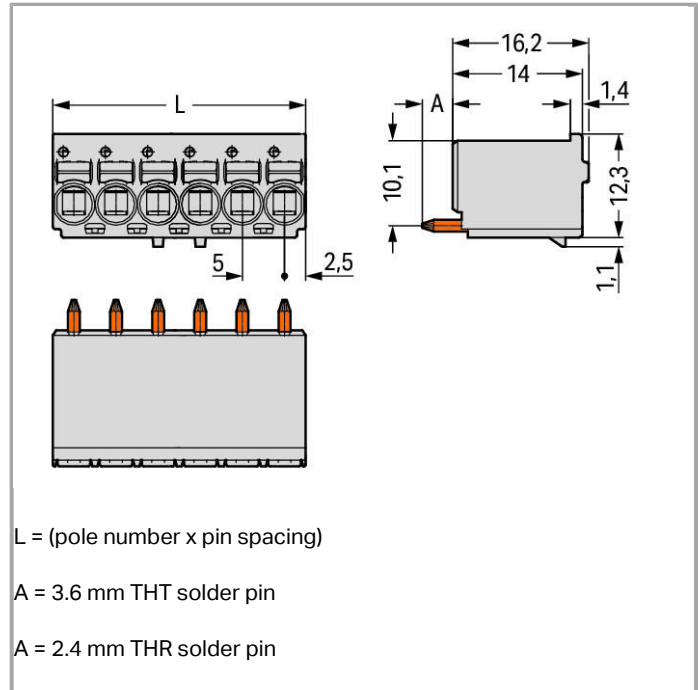


Data sheet | Item number: 2092-1173

1-conductor THT female header; 1.4 mm Ø solder pin; straight; 2.5 mm²; Pin spacing 5 mm; 3-pole

www.wago.com/2092-1173



L = (pole number x pin spacing)

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

RoHS Compliant

BOMcheck.net

Color:

Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Integrated test ports for testing parallel to conductor entry
- Custom-installed solder pins

Data

Electrical data

Ratings per IEC/EN 60664-1

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

Connection data

Connection technology	Push-in CAGE CLAMP [®]
Actuation type	Push-button
Solid conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm ²
Strip length	9 ... 10 mm / 0.35 ... 0.39 Inch
Conductor entry angle to the PCB	90°
No. of poles	3
Total number of connection points	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	15 mm / 0.591 inch
Height	16.2 mm / 0.638 inch
Depth	13.4 mm / 0.528 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter (tolerance)	1.6 ^(+0.1) mm

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for PCBs
Mismating protection	No
Mating direction to the PCB	90°

PCB contact

PCB contact	THT
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Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.065 MJ
Weight	3.361 g

Environmental Requirements



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

Country of origin	DE
GTIN	4050821165118
Customs Tariff No.	85366990990
Product Group	26 (picoMAX)


Approvals / Certificates

UL-Approvals

Logo	Approval	Certificate name
	cURus Underwriters Laboratories Inc.	E45172
	UR Underwriters Laboratories Inc.	E45171

Compatible products

tools

	Item no.: 210-719 Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	www.wago.com/210-719
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check



Item no.: 735-500

Test pin; with solder connection for test wire

www.wago.com/735-500

Downloads

smartDATA

CAD data

3D Download 2092-1173		URL	Download
PCB libraries			
DesignSpark Library for WAGO picoMAX [®]	2.1	ZIP	Download
Compatible with DesignSpark PCB Version 4.x or higher	Oct 6, 2014	2.0 MB	
EAGLE Library for WAGO picoMAX [®]	2.1	ZIP	Download
	Nov 17, 2017	1.9 MB	
TARGET Library for WAGO picoMAX [®]	1.1.0	ZIP	Download
Compatible with TARGET PCB Design Software Version 17.x	Oct 6, 2014	2.4 MB	

Product family

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Subject to changes.