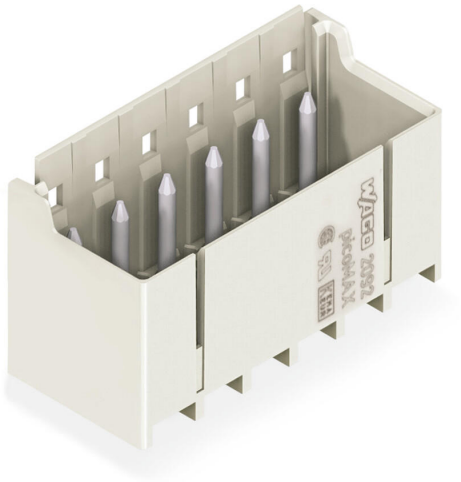
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 10-pole; light gray

www.wago.com/2092-1410



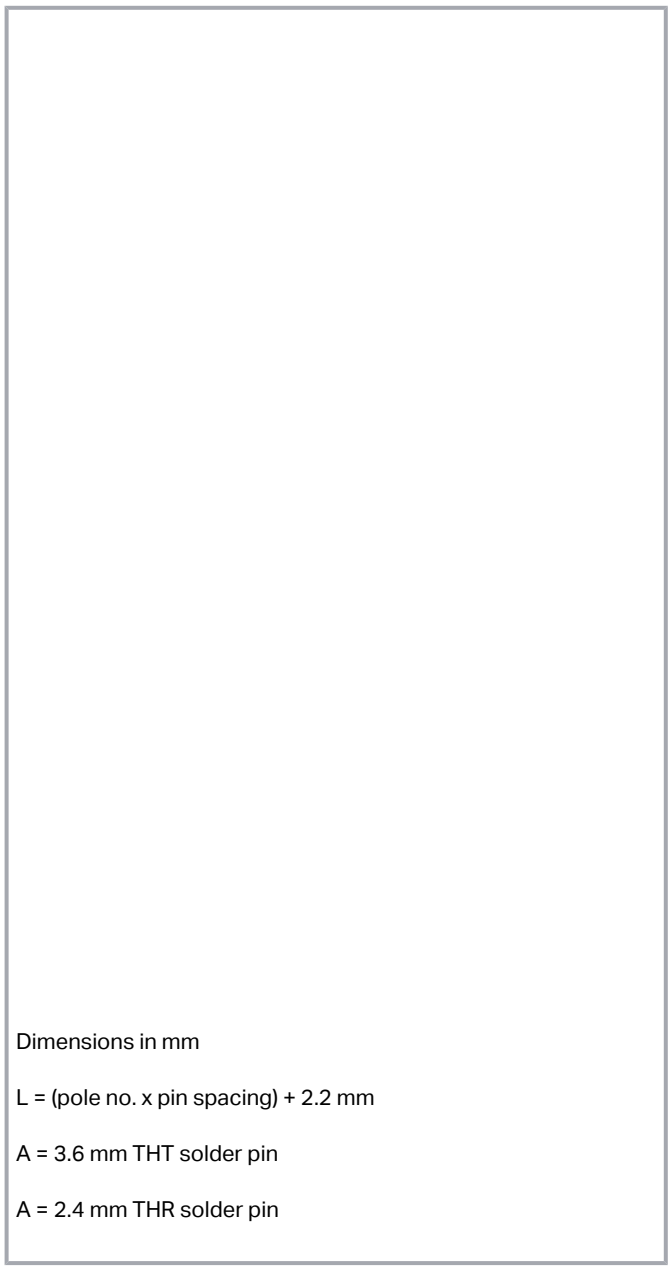
Picture differs from the item.

Color:

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

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Dimensions in mm

L = (pole no. x pin spacing) + 2.2 mm

A = 3.6 mm THT solder pin

A = 2.4 mm THR solder pin

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

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

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Data

Notes

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.
Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.	Direct marking

Electrical data

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
Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	250 V
Rated surge voltage (III/3)	4 kV
Rated voltage (III/2)	320 V
Rated surge 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) ≙ Overvoltage category III / Pollution degree 2

Connection data

Total number of potentials	10
Number of connection types	1
Number of levels	1
Pole No.	10

Physical data

Pin spacing	5 mm / 0.197 inch
Width	52.2 mm / 2.055 inch
Height	23.1 mm / 0.909 inch

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Height from the surface	19.5 mm / 0.768 inch
Depth	14.4 mm / 0.567 inch
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 $^{(+0.1)}$ mm

Plug-in 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

PCB contact

PCB Contact	THT

Material data

Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E_{Cu})
Contact plating	tin-plated
Fire load	0.107 MJ
Weight	5.7 g

Environmental requirements

Limit temperature range	-60 … +100 °C

Commercial data

Product Group	26 (picoMAX)
PU (SPU)	100 Stück
Packaging type	box
Country of origin	DE
GTIN	4050821163893

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

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Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	CSA DEKRA Certification B.V.	C22.2	2362521
	CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.1

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	UL Underwriters Laboratories Inc.	UL 1977	E45171

Counterpart

	Item no.2092-1130 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; 2,50 mm²; light gray	www.wago.com/2092-1130
	Item no.2092-1110/000-5000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; Gripping plate; direct marking; 2,50 mm²; light gray	www.wago.com/2092-1110/000-5000
	Item no.2092-1110/000-1000	

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	1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; Gripping plate; direct marking; 2,50 mm²; light gray	www.wago.com/2092-1110/000-1000
	Item no.2092-1110 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; Gripping plate; 2,50 mm²; light gray	www.wago.com/2092-1110
	Item no.2092-1110/002-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; Gripping plate sliding connector release; 2,50 mm²; light gray	www.wago.com/2092-1110/002-000
	**Item no.2092-1130/000-1000** 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; direct marking; 2,50 mm²; light gray	www.wago.com/2092-1130/000-1000
	Item no.2092-1110/002-1000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; Gripping plate sliding connector release; direct marking; 2,50 mm²; light gray	www.wago.com/2092-1110/002-1000
	**Item no.2092-1130/000-5000** 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 10-pole; direct marking; 2,50 mm²; light gray	www.wago.com/2092-1130/000-5000

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.0 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 2092-1410	URL	Download

PCB Design

Symbol and Footprint 2092-1410 CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.	URL	Download

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark

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- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

CAE data

ZUKEN Portal 2092-1410	URL	Download

Environmental Product Compliance

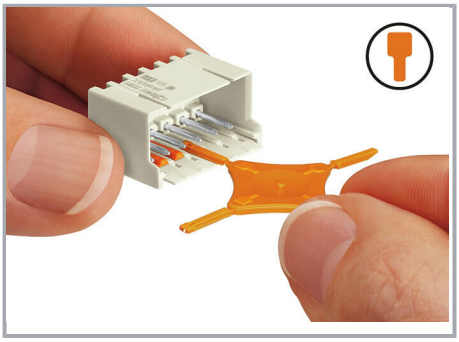
Compliance Search

Environmental Product Compliance 2092-1410	URL	Download
THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 10-pole; light gray		

Installation Notes

Coding

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

Product family

picoMAX® 5.0
Show all products from the family

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