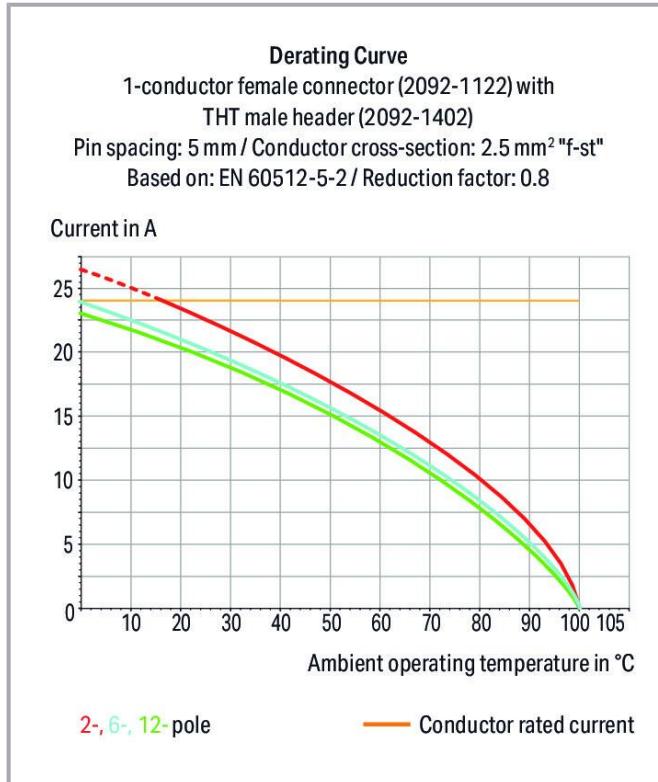


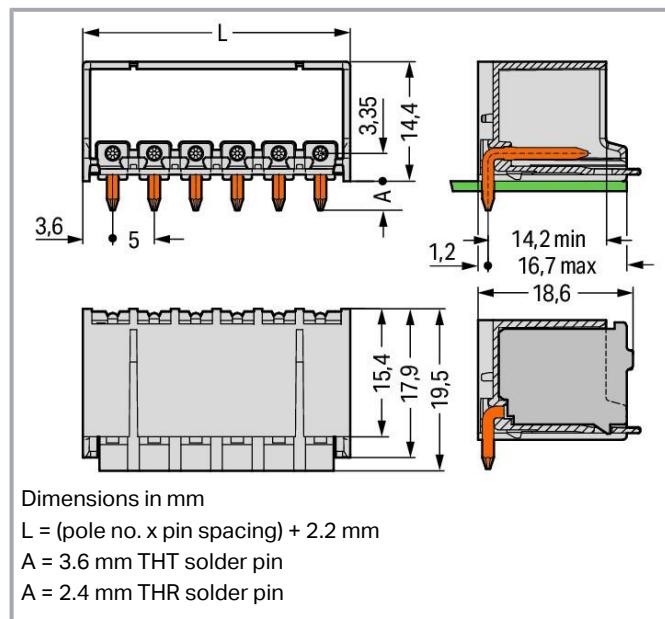


Picture differs from the item.

Color: —



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



Item description

- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header (≥ 4 poles)
- 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 Notes

Safety information

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.

Variants:

Direct marking

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

Electrical data

Ratings per IEC/EN

Ratings per

IEC/EN 60664-1

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

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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) \triangleq Overvoltage category III / Pollution degree 2

Ratings per UL

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

Connection data

Total number of potentials	5
Number of connection types	1
Number of levels	1

Connection 1

Pole number	5
-------------	---

Physical data

Pin spacing	5 mm / 0.197 inches
Width	27.2 mm / 1.071 inches
Height	18 mm / 0.709 inches
Height from the surface	14.4 mm / 0.567 inches
Depth	19.5 mm / 0.768 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 $(^{+0.1})$ mm

Mechanical Data

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

Anti-rotation protection

Yes

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	0 °
Locking of plug-in connection	Locking latch

PCB contact

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

Material data

Note (material data)

Information on material specifications can be found here

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
Fire load	0.062 MJ
Weight	3.2 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data

Product Group	26 (picoMAX Connectors)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637

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ECCN	NO DATA
PU (SPU)	200 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821163947
Customs tariff number	85366930000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General 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 No. 158	2362521
	CSA DEKRA Certification B.V.	C22.2	2362521
	cURus Underwriters Laboratories Inc.	UL 1059	E45172
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102261 REV.2
	UL Underwriters Laboratories Inc.	UL 1977	E45171

Counterpart



Item no. 2092-1105

www.wago.com/2092-1105

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

	1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; Gripping plate; 2,50 mm ² ; light gray	1105
	Item no.2092-1105/000-1000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; Gripping plate; direct marking; 2,50 mm ² ; light gray	www.wago.com/2092-1105/000-1000
	Item no.2092-1105/000-5000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; Gripping plate; direct marking; 2,50 mm ² ; light gray	www.wago.com/2092-1105/000-5000
	Item no.2092-1105/002-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; Gripping plate sliding connector release; 2,50 mm ² ; light gray	www.wago.com/2092-1105/002-000
	Item no.2092-1105/002-1000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; Gripping plate sliding connector release; direct marking; 2,50 mm ² ; light gray	www.wago.com/2092-1105/002-1000
	Item no.2092-1125/000-1000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; direct marking; 2,50 mm ² ; light gray	www.wago.com/2092-1125/000-1000
	Item no.2092-1125 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; 2,50 mm ² ; light gray	www.wago.com/2092-1125
	Item no.2092-1125/000-5000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm ² ; Pin spacing 5 mm; 5-pole; direct marking; 2,50 mm ² ; light gray	www.wago.com/2092-1125/000-5000

Downloads

Documentation

Additional Information

Technical Section	2019 Apr 3	pdf	Download
Technical explanations		2.1 MB	

CAD/CAE-Data

CAD data

2D/3D Models 2092-1425	URL	Download
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PCB Design

Symbol and Footprint via Ultra Librarian 2092-1425	URL	Download
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Subject to changes. Please also observe the further product documentation!

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altair
- Altium 6 to current version
- Autodesk Fusion 360
- Cadence Allegro
- DesignSpark
- 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
- Zuken eCADSTAR 2020 and 2021Zuken CR-5000 and CR-8000

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

Symbol and Footprint via SamacSys 2092-1425

[URL](#)

[Download](#)

CAx data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

—
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- 3D (stp)
- Altium
- CADSTAR
- Capture
- CircuitStudio
- CR-5000
- CR-8000
- DEHDL
- DesignSpark PCB
- DesignSpark PCB PRO
- DipTrace
- EAGLE
- Easy-PC
- EasyEDA
- eCADSTAR
- KiCad
- OrCAD_Allegro16
- PADS
- Proteus
- Pulsonix
- Quadcept
- SOLIDWORKS PCB
- TARGET 3001!
- xDX Designer
- Xpedition

PCB Component Libraries (EDA), PCB CAD Library SamacSys Electronic Component Search Engine

CAE data

ZUKEN Portal 2092-1425

[URL](#) [Download](#)

Asset Administration Shell

Asset Administration Shell 2092-1425

[URL](#) [Download](#)

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1425

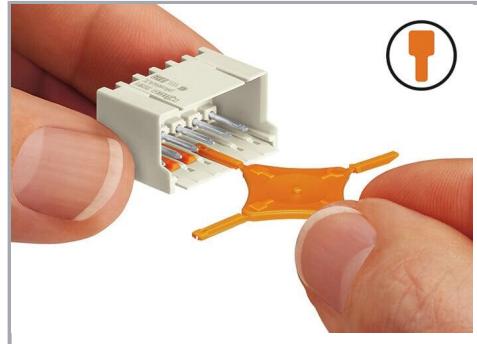
[URL](#)

[Download](#)

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

Installation Notes

Coding



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

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