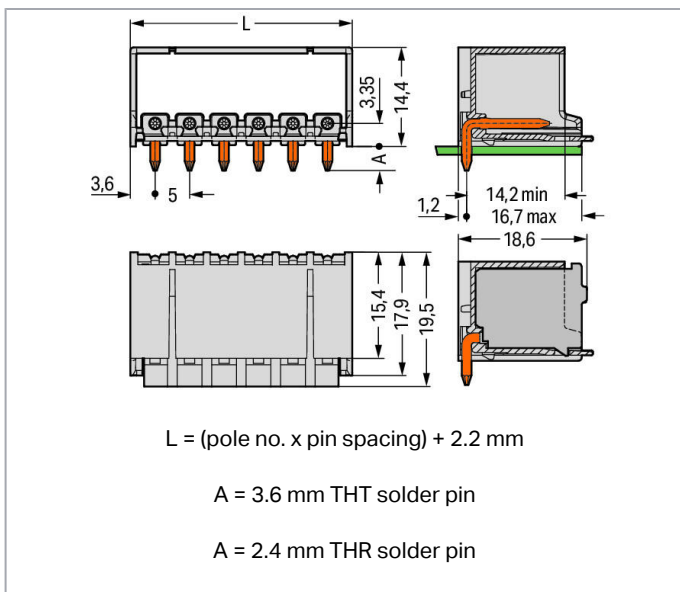
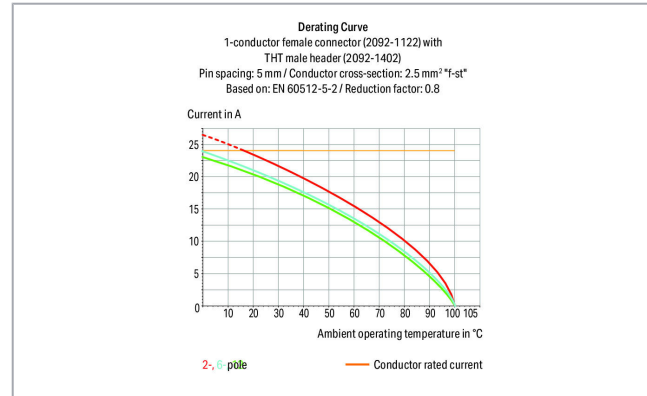
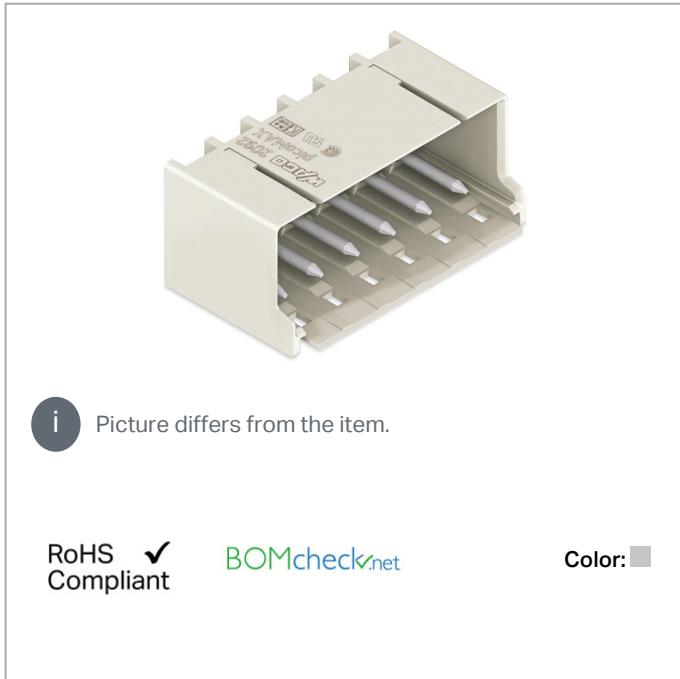


Data sheet | Item number: 2092-1424/200-000/997-406

THR male header; 1.4 mm Ø solder pin; angled; in tape-and-reel packaging;

Pin spacing 5 mm; 4-pole; light gray

www.wago.com/2092-1424/200-000/997-406



Item description

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

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- 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

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

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

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

Ratings per CSA

Approvals per	CSA

Connection data

Total number of potentials	4
Number of connection types	1
Number of levels	1

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



Physical data

Pin spacing	5 mm / 0.197 inch
Width	22.2 mm / 0.874 inch
Height	16.8 mm / 0.661 inch
Height from the surface	14.4 mm / 0.567 inch
Depth	19.5 mm / 0.768 inch
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	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	0°
Locking of plug-in connection	Locking latch

PCB contact

PCB Contact	THR
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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
Weight	6.3 g

Environmental requirements

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

Packaging type	bag
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Country of origin	DE
GTIN	4055143934534
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
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102261 REV.1

UL-Approvals

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

Downloads

Documentation

Additional Information

Technical explanations	3. 4. 2019	pdf 2.0 MB	Download
THR Soldering Process		pdf 402.7 kB	Download

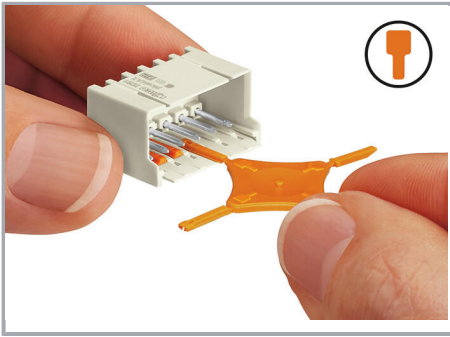
Installation Notes

Coding

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

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

Product family

<i>picoMAX</i>[®] 5.0

[Show all products from the family](#)

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