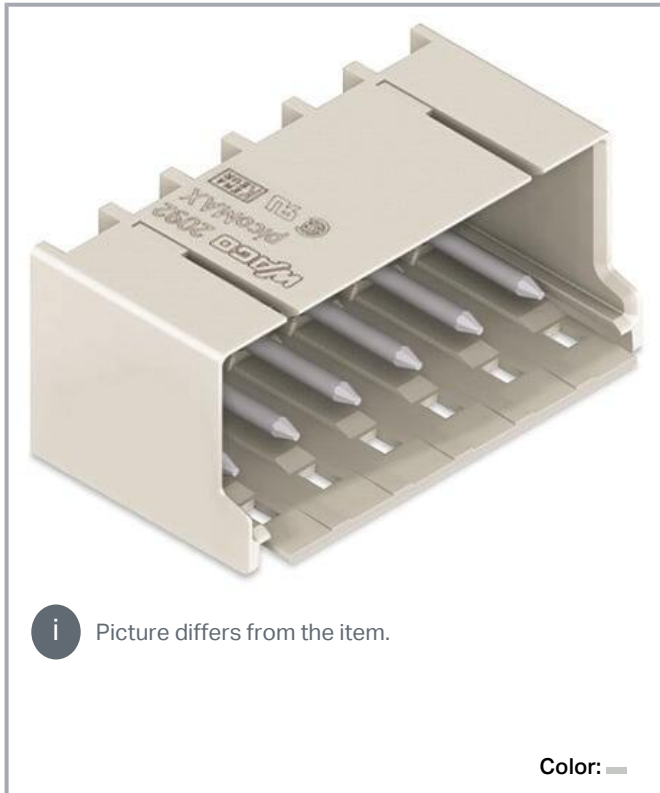


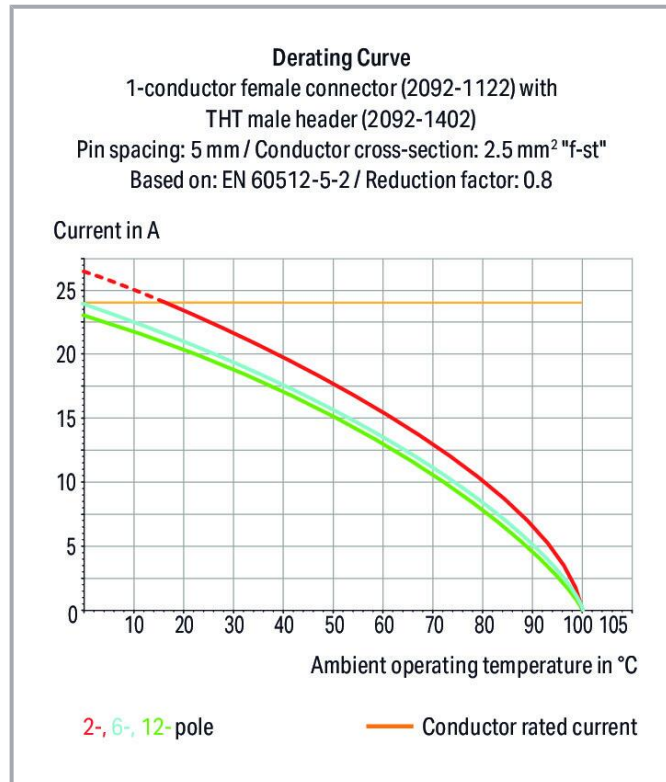
Data sheet | Item number: 2092-1424/200-000/997-406

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



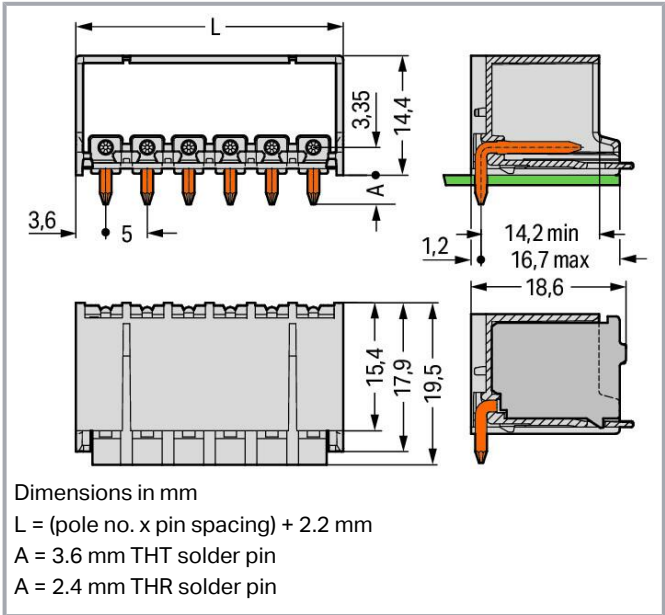
i Picture differs from the item.



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

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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 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

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

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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	4
Number of connection types	1
Number of levels	1

Connection 1

Pole number	4
-------------	---

Physical data

Pin spacing	5 mm / 0.197 inches
Width	22.2 mm / 0.874 inches
Height	16.8 mm / 0.661 inches
Height from the surface	14.4 mm / 0.567 inches
Depth	19.5 mm / 0.768 inches
Solder pin length	2.4 mm
Solder pin diameter	1.4 mm
Plated through-hole diameter (THR)	1.6 ^(+0.1) mm
Reel diameter of tape-and-reel packaging	330 mm
Tape width	44 mm

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**Mechanical data**

Variable coding	Yes
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	THR
-------------	-----

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
Weight	6.3 g
MSL per J-STD 020D	1

Environmental requirements

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

Commercial data

ETIM 8.0	EC002637
ETIM 7.0	EC002637
ECCN	NO DATA

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



PU (SPU)	100 pcs
Packaging type	bag
Country of origin	DE
GTIN	4055143934534
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	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
	UL Underwriters Laboratories Inc.	UL 1977	E45171

Downloads

Documentation

Additional Information

Technical Section	2019 年4月3日	pdf 2.1 MB	Download
Technical explanations			
THR Soldering Process		pdf 556.8 kB	Download

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-1424/200-000/997-406

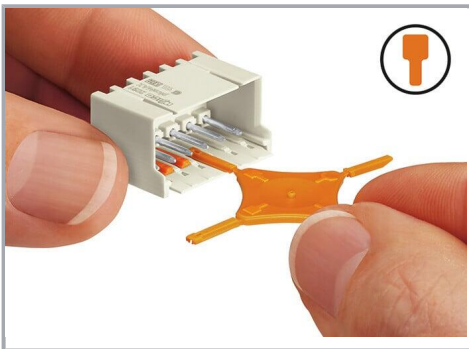
URL

Download

THR male header; 1.4 mm Ø solder pin; angled; in tape-and-reel packaging; Pin spacing 5 mm; 4-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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