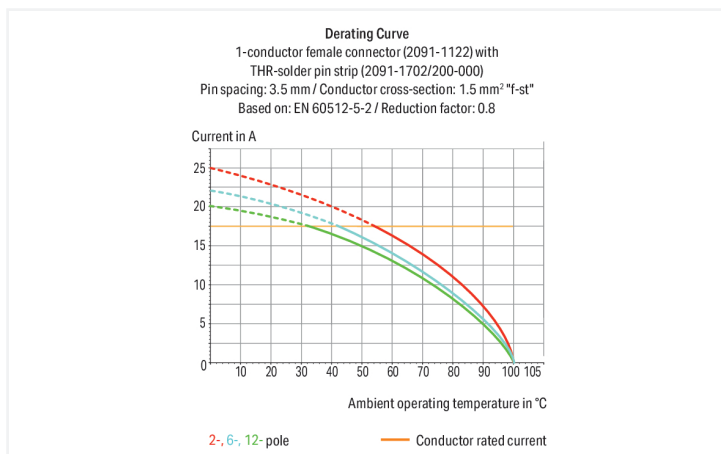


# Data Sheet | Item Number: 2091-1702/200-000/997-604

THR male header; 1.0 mm Ø solder pin; straight; in tape-and-reel packaging; Pin spacing 3.5 mm; 2-pole; black

<https://www.wago.com/2091-1702/200-000/997-604>



Color: ■ black

- Solder pin strips may be mounted horizontally or vertically via straight or angled solder pins
- Assembly of female connectors without loss of poles, allowing different functions to be divided within one solder pin strip

## 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. 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:

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

## Electrical data

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated impulse withstand voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	10 A	10 A	10 A

## Connection Data

Number of connection types	1
Number of levels	1

Connection 1	
Pole number	2

### Physical data

Pin spacing	3.5 mm / 0.138 inches
Solder pin length	2.4 mm
Solder pin diameter	1 mm
Plated through-hole diameter (THR)	1.2 (+0.1) mm
Reel diameter of tape-and-reel packaging	380 mm
Tape width	24 mm

### 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	90 °

### PCB contact

PCB contact	THR
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### Material data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	black
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0 MJ
Weight of insulation material	0.02 g
Weight	586.5 g
MSL per J-STD 020D	1

### Environmental requirements

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

PU (SPU)	3200 (400) pcs
Packaging type	Box
Country of origin	CN
GTIN	4066966202403
Customs tariff number	85366930000



**Product Classification**

UNSPSC	39121409
ETIM 9.0	EC002637
ETIM 10.0	EC002637
ECCN	NO US CLASSIFICATION

**Environmental Product Compliance**

RoHS Compliance Status	Compliant, No Exemption
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**Downloads**

**Documentation**

**Additional Information**

Technical Section	03.04.2019	pdf 2027.26 KB	
		pdf 611.20 KB	

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

Current addresses can be found at: [www.wago.com](https://www.wago.com)