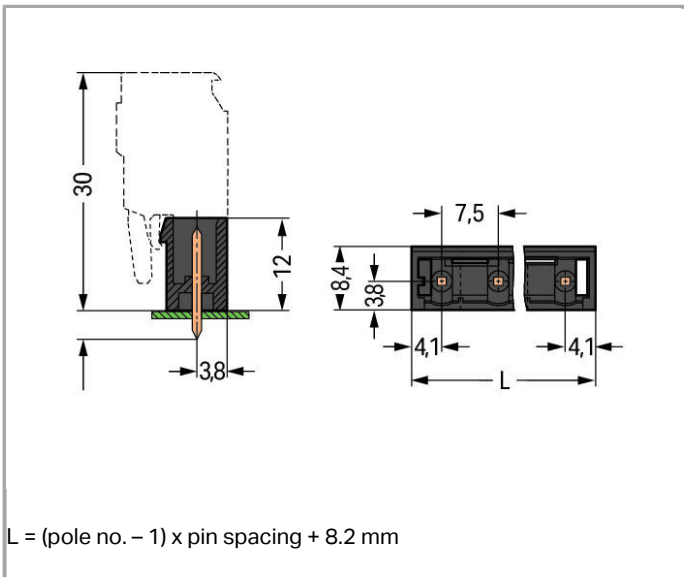
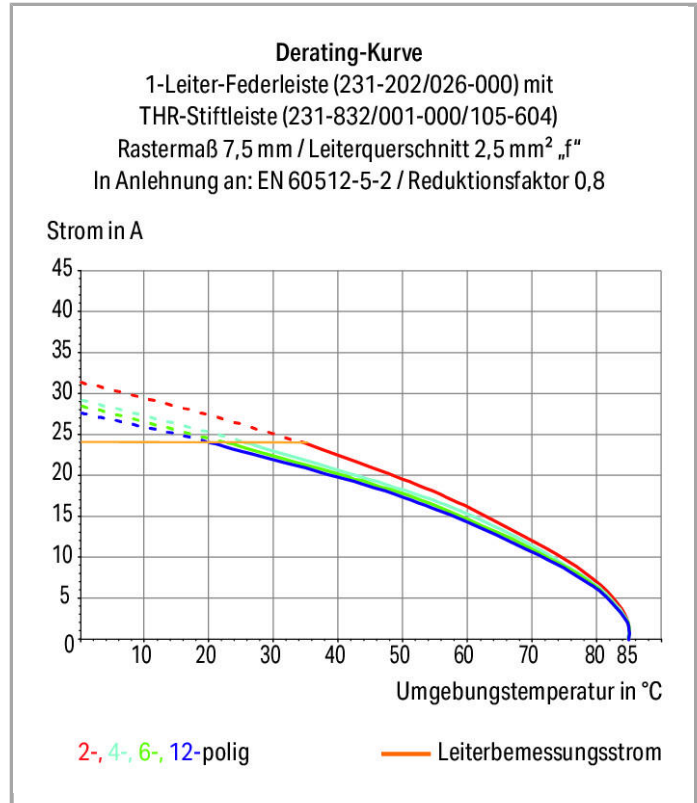


THR male header; 1.2 x 1.2 mm solder pin; straight; Pin spacing 7.5 mm; 7-pole

[www.wago.com/231-267/001-000/105-604](http://www.wago.com/231-267/001-000/105-604)



### Item description

- THR male headers for reflow soldering in SMT applications



- Available in tape-and-reel packaging for automated pick-and-place PCB assembly
- 1.2 x 1.2 mm solder pins allow nominal current up to 16 A, enhancing stability of shorter headers
- Also available in bulk packaging for manual placement
- Male headers may be mounted horizontally or vertically
- With coding fingers

Other variants can be requested via the WAGO sales department or, if necessary, configured at <https://configurator.wago.com/>: Gold-plated or partially gold-plated contact surfaces, Other pole numbers

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	500 V
Rated impulse voltage (III / 3)	6 kV
Rated voltage (III / 2)	630 V
Rated impulse voltage (III / 2)	6 kV
Rated voltage (II / 2)	1000 V
Rated impulse voltage (II / 2)	6 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

### Connection data

No. of poles	7
Total number of potentials	7
Number of levels	1

### Geometrical Data

Pin spacing	7.5 mm (0.295 inch)
Width	53 mm / 2.087 inch
Height	14.4 mm / 0.567 inch
Height from the surface	12 mm / 0.472 inch
Depth	8.4 mm / 0.331 inch
Solder pin length	2.4 mm
Solder pin dimensions	1.2 x 1.2 mm
Plated through-hole diameter (THR)	1.7 (+0.1) mm

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs

Mismating protection	No
Mating direction to the PCB	90°

### PCB contact

PCB contact	THR
Solder pin arrangement	over the entire male connector, in line
Number of solder pins per potential	1

### Material Data

Color	black
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load	0.067 MJ
Weight	2.923 g

### Environmental Requirements


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

Country of origin	DE
GTIN	4045454901059
Customs Tariff No.	85366990990
Product Group	3 (Multi Conn. System)

### Approvals / Certificates

#### Country specific Approvals

Logo	Approval	Certificate name
	<b>CB</b> DEKRA Certification B.V.	NL-39756
	<b>KEMA/KEUR</b> DEKRA Certification B.V.	2190761.01

#### UL-Approvals

Logo	Approval	Certificate name
	<b>UR</b> Underwriters Laboratories Inc.	E45171



UR

Underwriters Laboratories Inc.

E45172

## Compatible products

### Marking accessories



**Item no.: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive

[www.wago.com/210-833](http://www.wago.com/210-833)



**Item no.: 210-834**

Marking strips; on reel; 5 mm wide; plain; Self-adhesive

[www.wago.com/210-834](http://www.wago.com/210-834)

### Coding



**Item no.: 231-130**

Coding key; snap-on type

[www.wago.com/231-130](http://www.wago.com/231-130)



**Item no.: 231-500**

Spacer; for formation of groups

[www.wago.com/231-500](http://www.wago.com/231-500)

## Downloads

### smartDATA

#### PCB libraries

DesignSpark Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM)	2.1 Oct 6, 2014	ZIP 6.1 MB	Download
Compatible with DesignSpark PCB Version 4.x or higher			

EAGLE Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM)	2.1 Nov 17, 2017	ZIP 6.2 MB	Download
Compatible with EAGLE PCB Design Software Version 6.x or higher			

TARGET Library for WAGO Pluggable PCB Connectors (Multi-Connection System)	1.1.0 Oct 6, 2014	ZIP 7.4 MB	Download
Compatible with TARGET PCB Design Software Version 17.x			

#### CAD data

3D Download 231-267/001-000/105-604		URL	Download
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Subject to changes.

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WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Phone: +49571 887-0 | Fax: +49571 887-169

Email: [info.de@wago.com](mailto:info.de@wago.com) | Web: [www.wago.com](http://www.wago.com)

Do you have any questions about our products?

We are always happy to take your call at +49 (571) 887-44222.