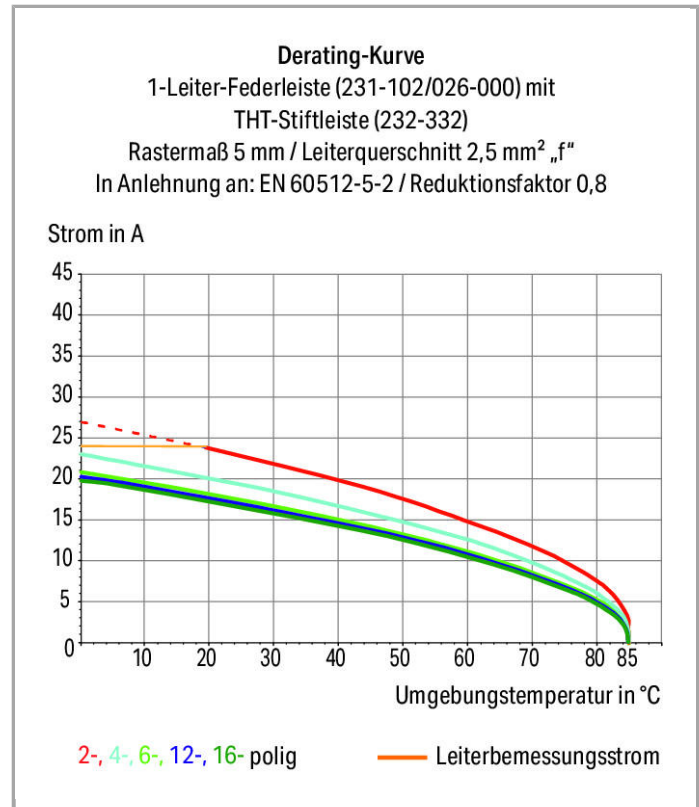
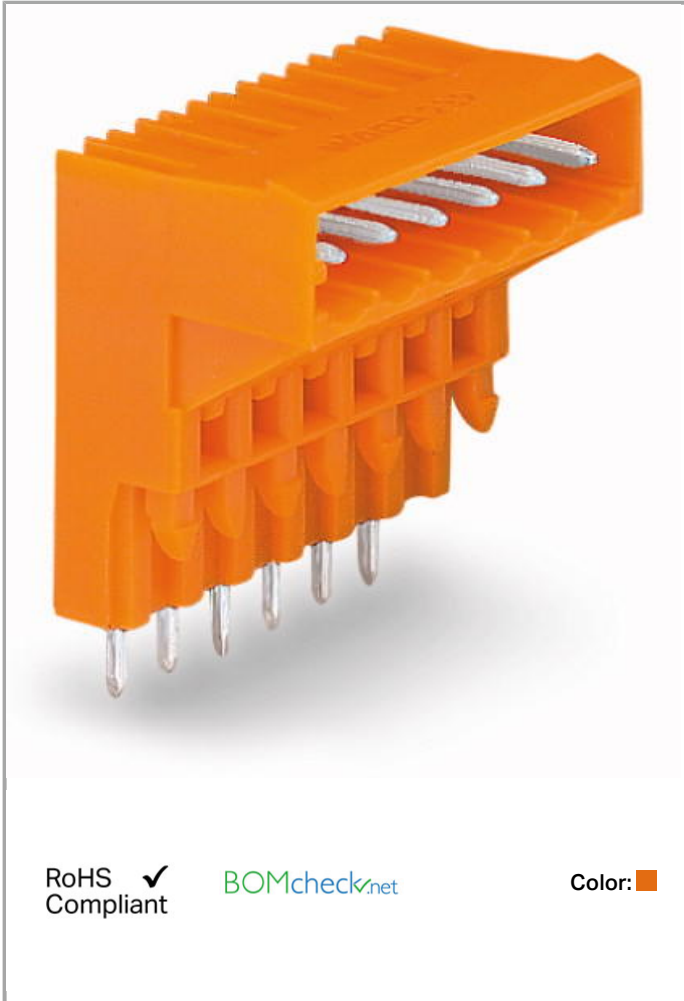


Data sheet | Item number: 232-368

THT male header for double-deck assembly; 1.0 x 1.0 mm solder pin; angled;
Pin spacing 5.08 mm; 8-pole



www.wago.com/232-368



Item description

- Male headers for double-deck assembly provide high-density wiring for wire-to-board connections
- Horizontal PCB mounting
- Double-deck design allows male or female headers with angled solder pins to be placed on the lower deck
- 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) | 320 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated voltage (III / 2) | 320 V |
| Rated impulse voltage (III / 2) | 4 kV |
| Rated voltage (II / 2) | 630 V |
| Rated impulse voltage (II / 2) | 4 kV |
| Rated current | 12 A |
| Legend (ratings) | (III / 2) ≙ Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|-------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 10 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 10 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A |

Connection data

| | |
|----------------------------|---|
| No. of poles | 8 |
| Total number of potentials | 8 |
| Number of levels | 1 |

Geometrical Data

| | |
|-----------------------------------|--------------------------|
| Pin spacing | 5.08 mm (0.2 inch) |
| Width | 43.84 mm / 1.726 inch |
| Height | 31 mm / 1.22 inch |
| Height from the surface | 26 mm / 1.024 inch |
| Depth | 17 mm / 0.669 inch |
| Solder pin length | 5 mm |
| Solder pin dimensions | 1 x 1 mm |
| Drilled hole diameter (tolerance) | 1.4 ^(+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 | 0° |

PCB contact

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

Material Data

| | |
|-----------------------------|---------------------------|
| Color | orange |
| Material group | I |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (Ecu) |
| Contact plating | tin-plated |
| Fire load | 0.133 MJ |
| Weight | 7.124 g |

Environmental Requirements


| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

Commercial data

| | |
|--------------------|------------------------|
| Country of origin | PL |
| GTIN | 4044918685610 |
| Customs Tariff No. | 85366990990 |
| Product Group | 3 (Multi Conn. System) |

Approvals / Certificates

Country specific Approvals

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

Ship Approvals

| Logo | Approval | Certificate name |
|------|------------|------------------|
| | ABS | 14-HG1241537-PDA |

American Bureau of Shipping


ABS



DNV GL
Det Norske Veritas, Germanischer Lloyd

TAE000016Z

UL-Approvals



| Logo | Approval | Certificate name |
|--|--|------------------|
|  | UL UL International Germany GmbH | E45171 |

Compatible products

Marking accessories

| | | |
|---|--|--|
|  | Item no.: 210-833 Marking strips; on reel; 6 mm wide; plain; Self-adhesive | www.wago.com/210-833 |
|  | Item no.: 210-834 Marking strips; on reel; 5 mm wide; plain; Self-adhesive | www.wago.com/210-834 |

Coding

| | | |
|--|---|--|
|  | Item no.: 231-129 Coding key; snap-on type | www.wago.com/231-129 |
|  | Item no.: 231-160 Coding pin; for coding lower male headers; push-in type | www.wago.com/231-160 |

Downloads

smartDATA

CAD data

| | | |
|---------------------|-----|----------|
| 3D Download 232-368 | URL | Download |
|---------------------|-----|----------|

PCB libraries

| | | | |
|--|----------------------|---------------|----------|
| DesignSpark Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM) Compatible with DesignSpark PCB Version 4.x or higher | 2.1 Oct 6, 2014 | ZIP 6.1 MB | Download |
| TARGET Library for WAGO Pluggable PCB Connectors (Multi-Connection System) Compatible with TARGET PCB Design Software Version 17.x | 1.1.0 Oct 6, 2014 | ZIP 7.4 MB | Download |

EAGLE Library for WAGO Pluggable PCB Connectors (MULTI CONNECTION SYSTEM)



| | | | |
|---|---------------------|---------------|----------|
| Compatible with EAGLE PCB Design Software Version 6.x or higher | 2.1 Nov 17, 2017 | ZIP 6.2 MB | Download |
|---|---------------------|---------------|----------|

Subject to changes.

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.