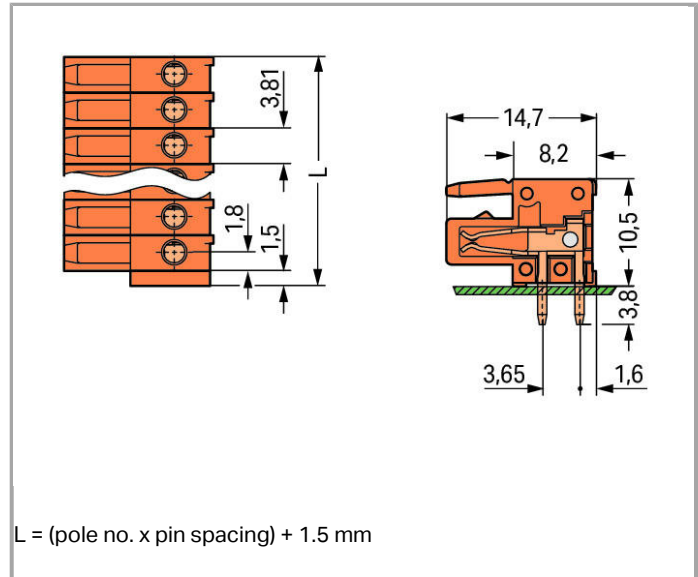


Data sheet | Item number: 734-566

THT female header; 0.9 x 0.9 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.81 mm; 6-pole

www.wago.com/734-566



RoHS 
Compliant



Color: 

Item description

- Horizontal or vertical PCB mounting via straight or angled solder pins
- Integrated test ports for 2 mm Ø test plugs
- For board-to-board and board-to-wire connections
- Touch-proof PCB outputs
- Easy-to-identify inputs and outputs
- 100% protected against mismatching
- Coding via 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) | 160 V |
| Rated impulse voltage (III / 3) | 2.5 kV |
| Rated voltage (III / 2) | 160 V |
| Rated impulse voltage (III / 2) | 2.5 kV |
| Rated voltage (II / 2) | 320 V |
| Rated impulse voltage (II / 2) | 2.5 kV |
| Rated current | 10 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 |

Connection data

| | |
|-----------------------------------|---|
| No. of poles | 6 |
| Total number of connection points | 6 |
| Total number of potentials | 6 |
| Number of levels | 1 |

Geometrical Data

| | |
|-----------------------------------|--------------------------|
| Pin spacing | 3.81 mm (0.15 inch) |
| Width | 24.36 mm / 0.959 inch |
| Height | 14.3 mm / 0.563 inch |
| Height from the surface | 10.5 mm / 0.413 inch |
| Depth | 14.65 mm / 0.577 inch |
| Solder pin length | 3.8 mm |
| Solder pin dimensions | 0.9 x 0.9 mm |
| Drilled hole diameter (tolerance) | 1.4 ^(+0.1) mm |

Plug connection

| | |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector connection type | for PCBs |
| Mismating protection | Yes |
| Mating direction to the PCB | 0° |

PCB contact

| | |
|-------------------------------------|---|
| PCB contact | THT |
| Solder pin arrangement | over the entire female 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 | Copper alloy |
| Contact plating | tin-plated |
| Fire load | 0.069 MJ |
| Weight | 3.65 g |

Environmental Requirements


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

Commercial data


| | |
|--------------------|------------------------|
| Country of origin | DE |
| GTIN | 4045454120924 |
| Customs Tariff No. | 85366990990 |
| Product Group | 3 (Multi Conn. System) |

Approvals / Certificates

Ship Approvals

| Logo | Approval | Certificate name |
|--|---|------------------|
|  | DNV GL Det Norske Veritas, Germanischer Lloyd | TAE000016Z |

UL-Approvals

| Logo | Approval | Certificate name |
|--|---|------------------|
|  | UL UL International Germany GmbH | E45171 |
| | UR Underwriters Laboratories Inc. | E45172 |



Downloads

smartDATA

CAD data

| 3D Download 734-566 | URL | Download |
|---------------------|-----|----------|
|---------------------|-----|----------|

PCB libraries

| | | | |
|--|---------------------|---------------|----------|
| 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 |
|--|---------------------|---------------|----------|

| | | | |
|--|--------------------|---------------|----------|
| 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 |
|---|----------------------|---------------|----------|

Subject to changes.