

Data sheet | Item number: 734-268

THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.81 mm; 8-pole; orange

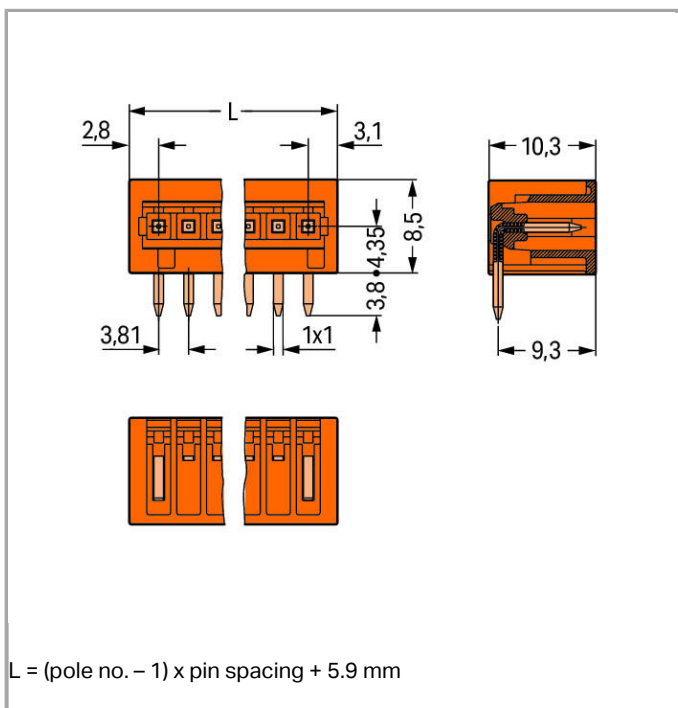
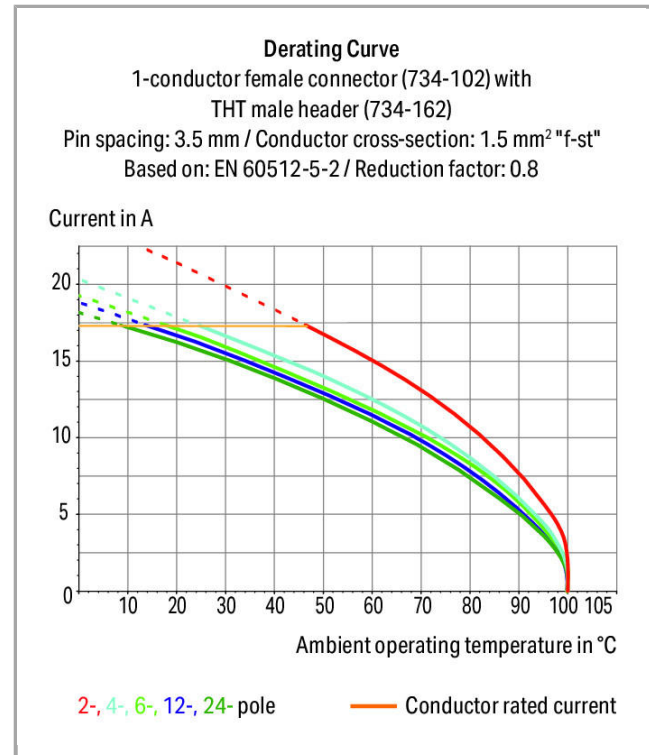
www.wago.com/734-268



RoHS
Compliant

BOMcheck.net

Color: ■



$L = (\text{pole no.} - 1) \times \text{pin spacing} + 5.9 \text{ mm}$



Item description

- Horizontal or vertical PCB mounting via straight or angled solder pins
- 100 % protected against mismating; only mating halves with the same number of poles can be connected together
- Coding via coding fingers

Safety information 1:

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

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

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

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

Total number of potentials	8
Number of connection types	1
Number of levels	1
No. of poles	8



Geometrical Data

Pin spacing	3.81 mm / 0.15 inch
Width	32.57 mm / 1.282 inch
Height	12.3 mm / 0.484 inch
Height from the surface	8.5 mm / 0.335 inch
Depth	10.3 mm / 0.406 inch
Solder pin length	3.8 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	Yes
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 (E _{Cu})
Contact plating	tin-plated
Fire load	0.034 MJ
Weight	2.186 g

Environmental Requirements

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

Commercial data

Product Group	3 (Multi Conn. System)
Country of origin	DE
GTIN	4044918872614
Customs Tariff No.	85366990990

Compatible products

Coding

**Item no.: 734-130**

Coding key; to be snapped above top level; white

www.wago.com/734-130**Item no.: 734-159**

Coding key; to be snapped above top level; black

www.wago.com/734-159

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
------------------------	-------------	---------------	----------

CAD/CAE-Data

CAD data

3D Download 734-268	URL	Download
---------------------	-----	----------

EPLAN

EPLAN Data Portal	Download
-------------------	----------

Subject to changes.