

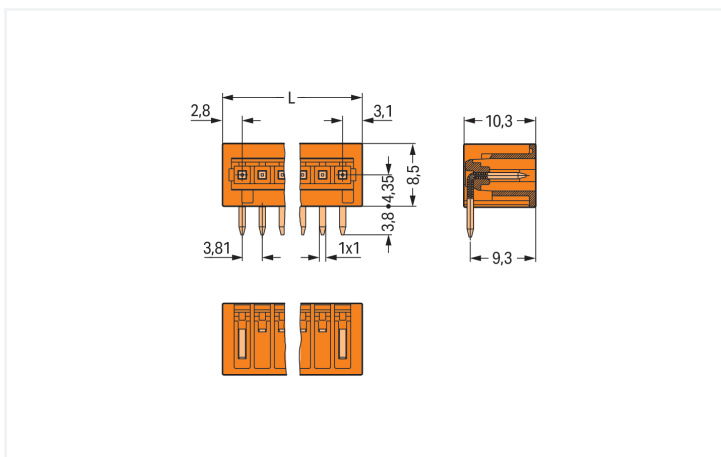
Data Sheet | Item Number: 734-266

THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.81 mm; 6-pole; orange

<https://www.wago.com/734-266>



Color: ■ orange



Dimensions in mm

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

Male connector, 734 Series, orange

Enjoy convenient electrical installations with this male connector (item number 734-266). The item's dimensions are (24.95 x 12.3 x 10.3) mm (width x height x depth).

The contact surface is coated with tin. The pcb connector is designed for THT soldering.

Notes

Safety Information

The MCS – MULTI 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:

Other pole numbers
Gold-plated or partially gold-plated contact surfaces
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			Approvals per		UL 1059		
Overvoltage category		III	III	II	Use group		B	C	D
Pollution degree		3	2	2	Rated voltage		300 V	-	300 V
Nominal voltage		160 V	160 V	320 V	Rated current		10 A	-	10 A
Rated impulse withstand voltage		2.5 kV	2.5 kV	2.5 kV					
Rated current		10 A	10 A	10 A					

Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		10 A	-	10 A

Connection Data

Total number of potentials	6	Connection 1		
Number of connection types	1	Pole number	6	
Number of levels	1			

Physical data

Pin spacing	3.81 mm / 0.15 inches
Width	24.95 mm / 0.982 inches
Height	12.3 mm / 0.484 inches
Height from the surface	8.5 mm / 0.335 inches
Depth	10.3 mm / 0.406 inches
Solder pin length	3.8 mm
Solder pin dimensions	1 x 1 mm
Drilled hole diameter with tolerance	1.4 (+0.1) 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	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

Note (material data)	Information on material specifications can be found here
Color	orange
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.025 MJ
Weight	1.7 g

Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data

Product Group	3 (Multi Conn. System)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	PL
GTIN	4044918872577
Customs tariff number	85366930000

Product Classification

UNSPSC	39121409
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 9.0	EC002637
ETIM 10.0	EC002637
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search
 Environmental Product Compliance 734-266

Documentation

Additional Information
 Technical Section 03.04.2019 pdf 2027.26 KB

CAD/CAE-Data

CAD data
 2D/3D Models 734-266

CAE data
 EPLAN Data Portal 734-266

ZUKEN Portal 734-266

PCB Design

Symbol and Footprint via SamacSys 734-266

Symbol and Footprint via Ultra Librarian 734-266

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

 <p>Item No.: 734-206/037-000 1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; Lateral locking levers; orange</p>	 <p>Item No.: 734-206 1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; orange</p>	 <p>Item No.: 2734-206/031-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; clamping collar; orange</p>	 <p>Item No.: 2734-206/037-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; Lateral locking levers; orange</p>
 <p>Item No.: 2734-206 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; orange</p>	 <p>Item No.: 734-566 THT female header; angled; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; orange</p>	 <p>Item No.: 734-566/037-000 THT female header; angled; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; orange</p>	 <p>Item No.: 734-506 THT female header; straight; Pin spacing 3.81 mm; 6-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; orange</p>

1.1.1 Female connector/socket



Item No.: 734-506/037-000

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

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

Item No.: 734-159

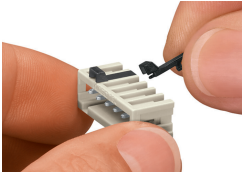
Coding key; to be snapped above top level; black

Item No.: 734-130

Coding key; to be snapped above top level; white

Installation Notes

Coding



Coding a male header – fitting coding key(s).