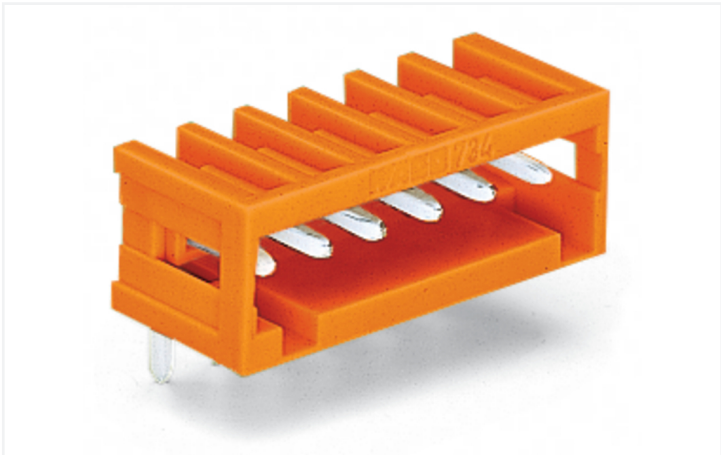


Data Sheet | Item Number: 734-270

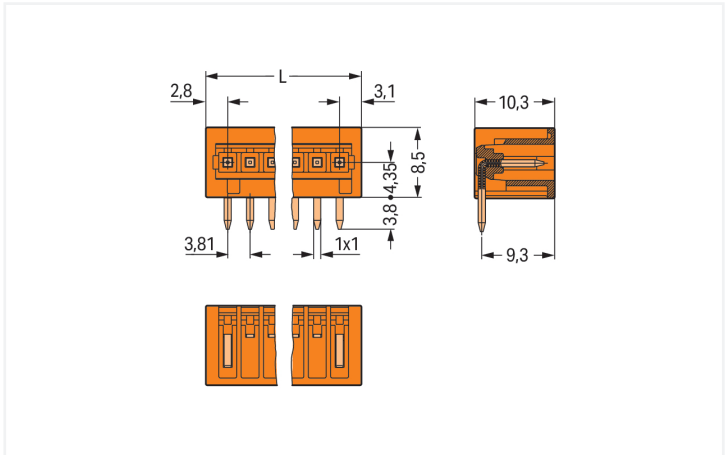
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mis-mating; Pin spacing 3.81 mm; 10-pole; orange

<https://www.wago.com/734-270>

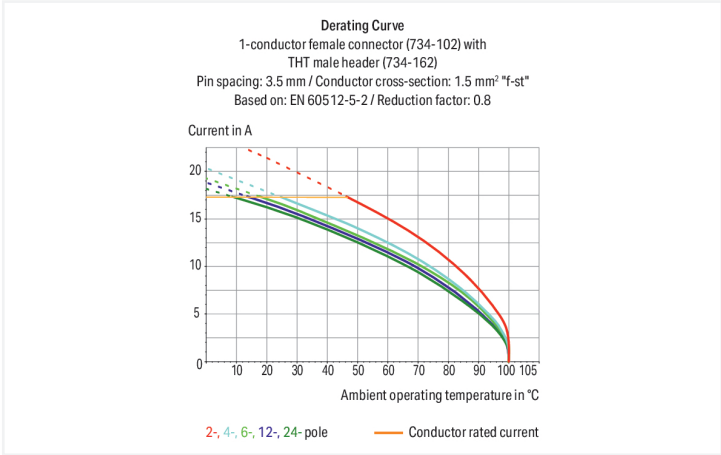


Color: ■ orange

Similar to illustration



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



Stiftleiste Serie 734 mit Rastermaß 3,81 mm

Die Stiftleiste mit der Artikelnummer 734-270 verspricht eine fehlerfreie Elektroinstallation. Setzen Sie beim Design-In Ihres Gerätes auf alterprobte Sicherheit: Mit Leiterplatten-Steckverbindern haben Sie verschiedene Verwendungsmöglichkeiten. In Breite x Höhe x Tiefe betragen die Maße (40,19 x 12,3 x 10,3) mm. Die Oberfläche der Kontakte ist aus Zinn. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten. Der Leiterplatten-Steckverbinder wird mittels THT verlötet.

Notes	
Safety Information	The MCS – <i>MULTI CONNECTION SYSTEM</i> 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		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	160 V	160 V	320 V	
Rated surge 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	

Approvals per				UL 1059	
Use group	B		C	D	
Rated voltage	300 V		-	300 V	
Rated current	10 A		-	10 A	

Connection data				
Total number of potentials	10	Connection 1		
Number of connection types	1	Pole number	10	
Number of levels	1			
Physical data				
Pin spacing	3.81 mm / 0.15 inches			
Width	40.19 mm / 1.582 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	0.041 MJ
Weight	2.7 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	4044918872645
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 8.0	EC002637
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 734-270

↓



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data	CAE data
2D/3D Models 734-270 ↓	EPLAN Data Portal 734-270 ↓
	ZUKEN Portal 734-270 ↓

PCB Design	
Symbol and Footprint via SamacSys 734-270 ↓	
Symbol and Footprint via Ultra Librarian 734-270 ↓	

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

 Item No.: 734-210 1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; 1,50 mm²; orange	 Item No.: 734-210/037-000 1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; orange	 Item No.: 2734-210 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; 1,50 mm²; orange	 Item No.: 2734-210/027-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; clamping collar; 1,50 mm²; orange
 Item No.: 2734-210/031-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; clamping collar; 1,50 mm²; orange	 Item No.: 2734-210/037-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; orange	 Item No.: 734-570 THT female header; angled; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; orange	 Item No.: 734-570/037-000 THT female header; angled; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; orange
 Item No.: 734-510 THT female header; straight; Pin spacing 3.81 mm; 10-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; orange	 Item No.: 734-510/037-000 THT female header; straight; Pin spacing 3.81 mm; 10-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



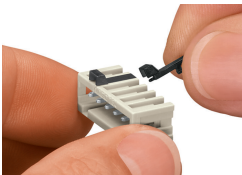
[Item No.: 734-159](#)
Coding key; to be snapped above top level; black



[Item No.: 734-130](#)
Coding key; to be snapped above top level; white

Installation Notes

Coding



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