

Data Sheet | Item Number: 734-184/108-000

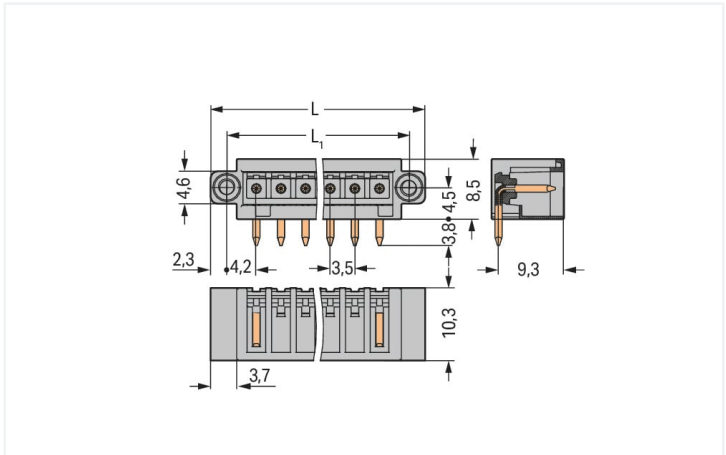
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Threaded flange; Pin spacing 3.5 mm; 24-pole; light gray

<https://www.wago.com/734-184/108-000>



Color: ■ light gray

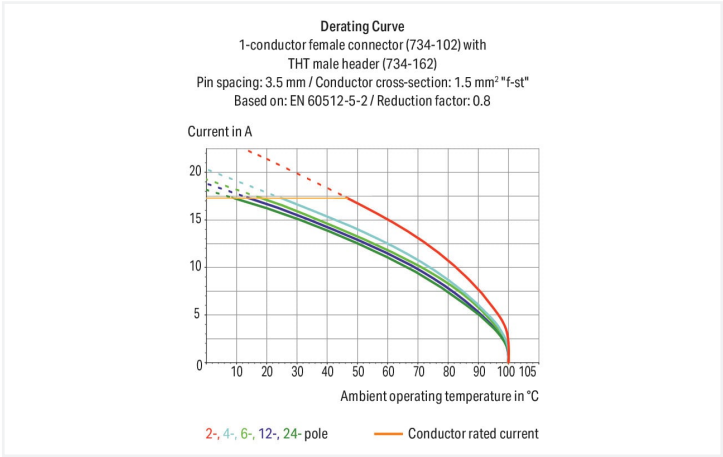
Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 9.5 \text{ mm}$

$L1 = (\text{pole no.} \times \text{pin spacing}) + 4.9 \text{ mm}$



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

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		
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	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	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	24	Connection 1	
Number of connection types	1	Pole number	24
Number of levels	1		

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	93.5 mm / 3.681 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 °
Locking of plug-in connection	Threaded flange

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	light gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{CU})
Contact plating	Tin
Fire load	0.095 MJ
Weight	6.7 g



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

Commercial data	
Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	50 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454759179
Customs tariff number	85366930000

Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	411d5bfe-245b-4576-aa4b-861f3c918e69
SCIP notification number (Belgium)	bdaf3a53-6b43-46db-a8c2-0cc78ebc80c6
SCIP notification number (Bulgaria)	faa5925f-dd83-4c8d-bc70-050f41da5ed8
SCIP notification number (Czech Republic)	8e6e6fd5-b9af-4bd6-a140-732e8f3622bb
SCIP notification number (Denmark)	6c2e759a-747d-417e-890a-a8b5f99221e3
SCIP notification number (Finland)	93d10fa9-c8a2-41a6-b1ed-b333ffbad892
SCIP notification number (France)	9b7f6793-b93a-44f9-9268-b03b93bde20f
SCIP notification number (Germany)	94182c09-5611-4b7f-a101-86c97c2929b9
SCIP notification number (Hungary)	87d9ea96-034a-415a-8e5c-995f51bfde5d
SCIP notification number (Italy)	089cb346-1103-4da7-b2cb-3003e1c6cbc8
SCIP notification number (Netherlands)	6b4bd61f-0c42-4094-b278-0aa0ac4f4c63
SCIP notification number (Poland)	61078017-a569-4d25-bb56-372ed4ccee8
SCIP notification number (Romania)	3229a3c1-1d47-43f0-b042-08d4eabd7734
SCIP notification number (Sweden)	43eb090e-f4a2-4de5-9ef7-2c40236bd8c4

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
734-184/108-000

↓



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

CAD/CAE-Data

CAD data
2D/3D Models 734-184/108-000

CAE data
ZUKEN Portal 734-184/108-000

PCB Design
Symbol and Footprint via SamacSys 734-184/108-000
Symbol and Footprint via Ultra Librarian 734-184/108-000

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



[Item No.: 734-124/107-000](#)
1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 24-pole; 100% protected against mismatching; Screw flange; 1,50 mm²; light gray



[Item No.: 2734-124/107-000](#)
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 24-pole; 100% protected against mismatching; Screw flange; 1,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



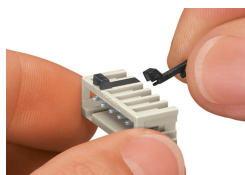
[Item No.: 734-159](#)
Coding key; to be snapped above top level; black



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

Installation Notes

Coding



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