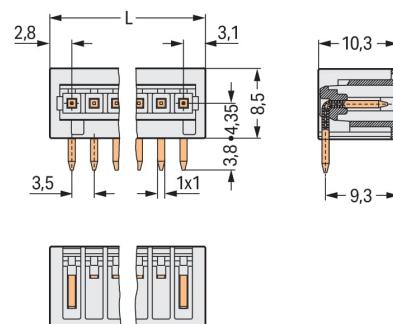


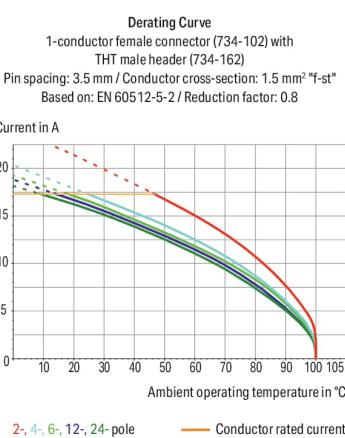
Color: light gray

Similar to illustration



Dimensions in mm

L = (pole no. - 1) x pin spacing + 5.9 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:

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/>.

Other pole numbers

3.8 mm pin projection for male headers with straight solder pins

Electrical data

IEC/EN 60664-1		
Overvoltage category	III	III
Pollution degree	3	2
Nominal voltage	160 V	160 V
Rated surge voltage	2.5 kV	2.5 kV
Rated current	10 A	10 A

UL 1059		
Use group	B	C
Rated voltage	300 V	-
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	2
Number of connection types	1
Number of levels	1

Connection 1

Pole number	2
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Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	9.4 mm / 0.37 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	light gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.011 MJ
Weight	0.6 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)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918872218
Customs tariff number	85366930000

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Downloads**Environmental Product Compliance**

Compliance Search

Environmental Product
Compliance 734-162**Documentation**

Additional Information

Technical Section	03.04.2019	pdf 2027.26 KB
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**CAD/CAE-Data**

CAD data

2D/3D Models 734-162



CAE data

EPLAN Data Portal
734-162

ZUKEN Portal 734-162



PCB Design

Symbol and Footprint
via SamacSys 734-162



Symbol and Footprint
via Ultra Librarian
734-162



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

[Item No.: 734-102](#)

1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; 1,50 mm²; light gray

[Item No.: 734-102/037-000](#)

1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray

[Item No.: 734-102/037-000/032-000](#)

1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; 1,50 mm²; light gray

[Item No.: 2734-1102/327-000](#)

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Strain relief plate; 1,50 mm²; light gray

[Item No.: 2734-1102/327-9037](#)

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; direct marking; 1,50 mm²; light gray

[Item No.: 2734-1102/038-000](#)

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray

[Item No.: 2734-1102/038-000/332-000](#)

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; 1,50 mm²; light gray

[Item No.: 2734-1102/327-000/332-000](#)

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Strain relief plate; 1,50 mm²; light gray

[Item No.: 2734-102](#)

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; 1,50 mm²; light gray

[Item No.: 2734-102/031-000](#)

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; clamping collar; 1,50 mm²; light gray

[Item No.: 2734-102/037-000](#)

1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray

[Item No.: 734-532](#)

THT female header; angled; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

[Item No.: 734-532/037-000](#)

THT female header; angled; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; light gray

[Item No.: 734-462](#)

THT female header; straight; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

[Item No.: 734-462/037-000](#)

THT female header; straight; Pin spacing 3.5 mm; 2-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

[Item No.: 734-159](#)

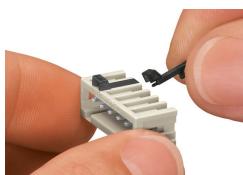
Coding key; to be snapped above top lever; black

[Item No.: 734-130](#)

Coding key; to be snapped above top lever; white

Installation Notes

Coding



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