

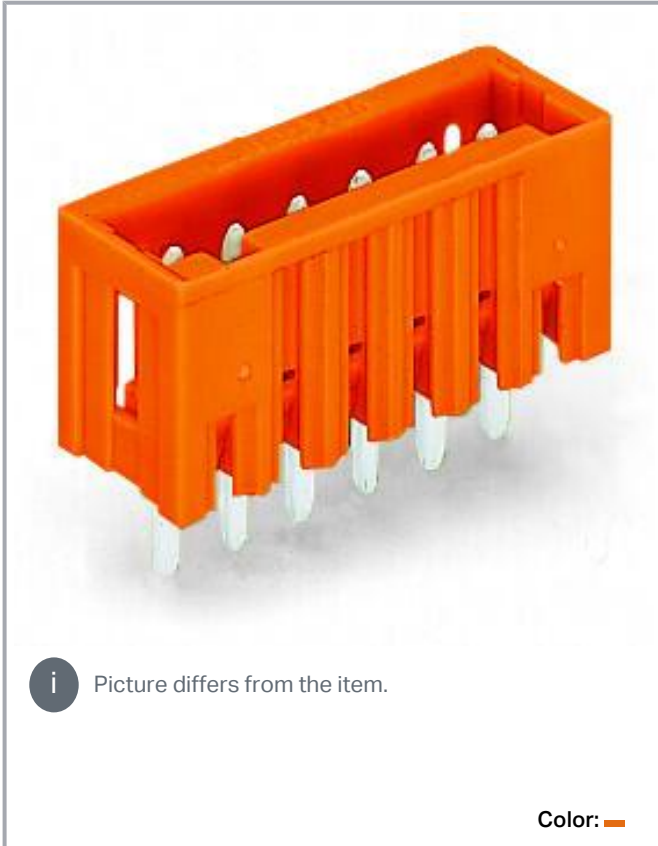
Data sheet | Item number: 734-232

THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.81 mm; 2-pole; orange

www.wago.com/734-232

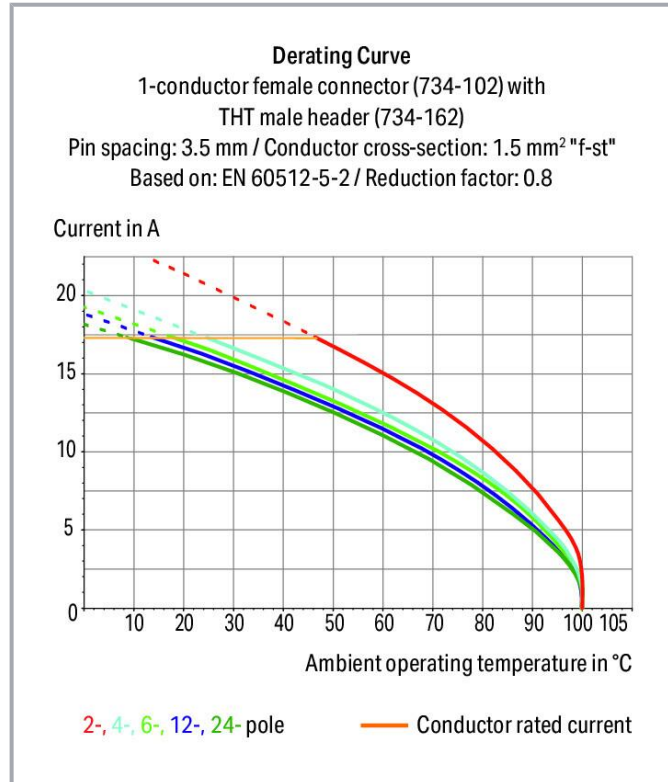


勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



i Picture differs from the item.

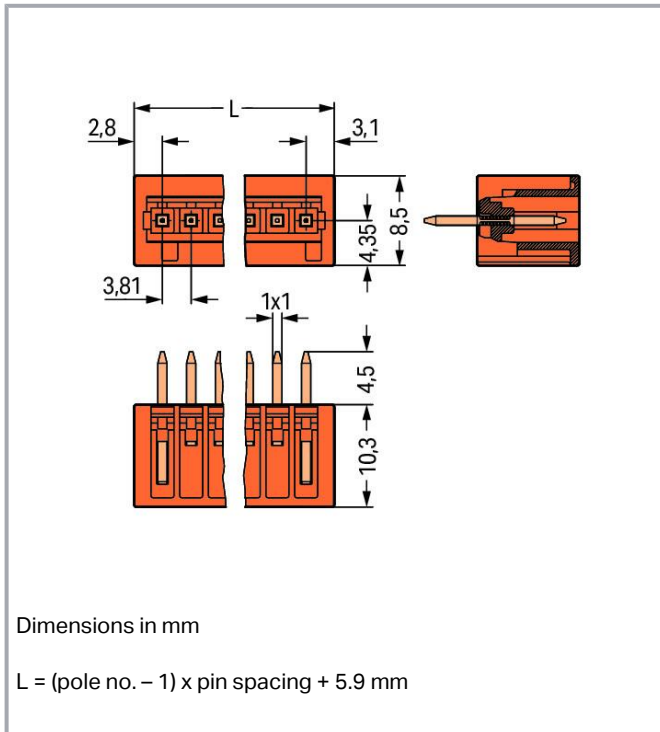
Color: ■



Subject to changes. Please also observe the further product documentation!

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Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.



Item description

- 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

Data

Notes

Safety information 1

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

Subject to changes. Please also observe the further product documentation!



Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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
Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per UL 1059

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
Rated current UL (Use Group D)	10 A

Ratings per CSA

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	2
Number of connection types	1
Number of levels	1

Connection 1

Pole number	2
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Physical data

Pin spacing	3.81 mm / 0.15 inches
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www.wago.com/734-232

Width	9.71 mm / 0.382 inches
Height	14.8 mm / 0.583 inches
Height from the surface	10.3 mm / 0.406 inches
Depth	8.5 mm / 0.335 inches
Solder pin length	4.5 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
Plugging without loss of pin spacing	No
Mating direction to the PCB	90 °
Locking of plug-in connection	none

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	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	Tin
Fire load	0.011 MJ

Subject to changes. Please also observe the further product documentation!

Weight	0.6 g
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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	4044918847810
Customs tariff number	85366990990

Approvals / Certificates

General approvals



Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	EN 61984	NL-54190
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 105522
	UL Underwriters Laboratories Inc.	UL 1977	E 45171

Declarations of conformity and manufacturer's declarations






Logo	Approval	Additional Approval Text	Certificate name
	Railway WAGO GmbH & Co. KG	-	Railway Ready

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Approvals for marine applications

Logo	Approval	Additional Approval Text	Certificate name
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z
	LR Lloyds Register	IEC 61984	96/20035 (E5)

Counterpart

	Item no.734-202 1-conductor female connector; CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.81 mm; 2-pole; 100% protected against mismatching; 1,50 mm ² ; orange	www.wago.com/734-202
	Item no.2734-202 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.81 mm; 2-pole; 100% protected against mismatching; 1,50 mm ² ; orange	www.wago.com/2734-202
	Item no.2734-202/031-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.81 mm; 2-pole; 100% protected against mismatching; clamping collar; 1,50 mm ² ; orange	www.wago.com/2734-202/031-000
	Item no.2734-202/037-000 1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.81 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm ² ; orange	www.wago.com/2734-202/037-000
	Item no.734-202/037-000 1-conductor female connector; CAGE CLAMP®; 1.5 mm ² ; Pin spacing 3.81 mm; 2-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm ² ; orange	www.wago.com/734-202/037-000

Optional accessories

Coding		
	Item no.: 734-159 Coding key; to be snapped above top level; black	www.wago.com/734-159
	Item no.: 734-130 Coding key; to be snapped above top level; white	www.wago.com/734-130

Subject to changes. Please also observe the further product documentation!



Downloads

Documentation

Additional Information

Technical Section	2019 年4月3日	pdf	Download
Technical explanations		2.0 MB	

CAD/CAE-Data

CAD data

2D/3D Models 734-232		URL	Download
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PCB Design

Symbol and Footprint 734-232		URL	Download
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CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw

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- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

CAE data

ZUKEN Portal 734-232	URL	Download
EPLAN Data Portal 734-232	URL	Download

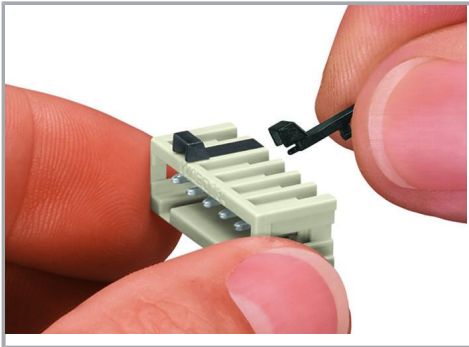
Environmental Product Compliance

Compliance Search

Environmental Product Compliance 734-232	URL	Download
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Installation Notes

Coding



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

Product family

MCS MINI

[Show all products from the family](#)

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