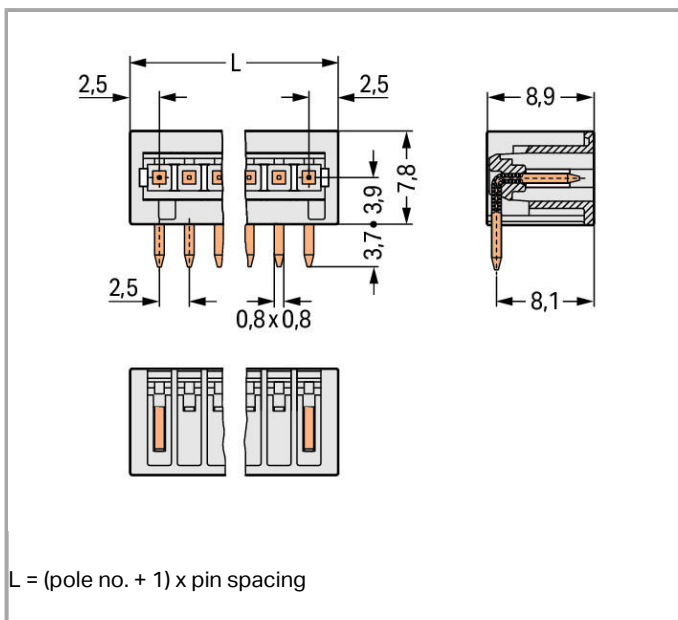
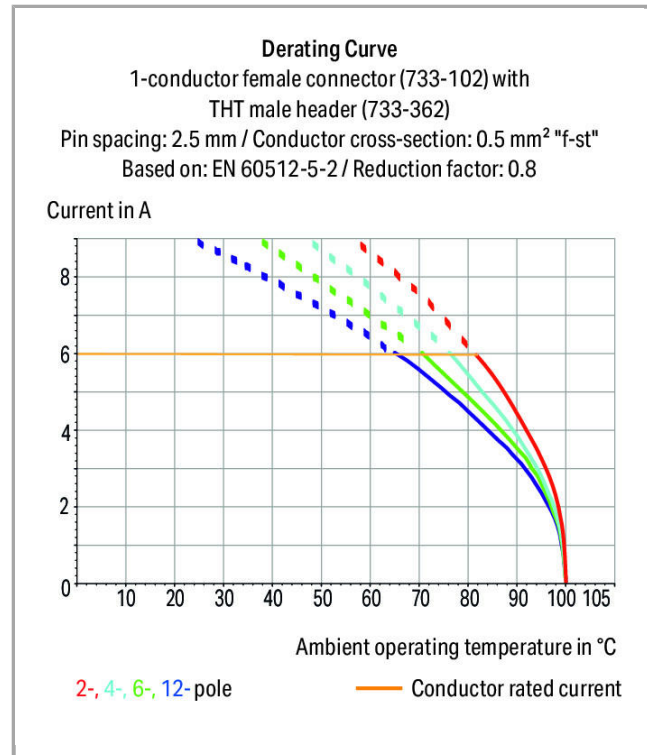


# Data sheet | Item number: 733-362

THT male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Pin spacing 2.5 mm; 2-pole; light gray



[www.wago.com/733-362](http://www.wago.com/733-362)



## 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 via coding fingers

**Safety information 1:**

The *MULTI CONNECTION SYSTEM (MCS)* is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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.

**Data****Electrical data****Ratings per IEC/EN 60664-1**

Rated voltage (III / 3)	80 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	6 A

**Approvals per UL 1059**

Rated voltage UL (Use Group B)	150 V
Rated current UL (Use Group B)	4 A

**Approvals per CSA**

Rated voltage CSA (Use Group B)	150 V
Rated current CSA (Use Group B)	4 A

**Connection data**

Total number of potentials	2
Number of connection types	1
Number of levels	1
No. of poles	2

**Geometrical Data**

Pin spacing	2.5 mm / 0.098 inch
Width	7.5 mm / 0.295 inch
Height	11.5 mm / 0.453 inch
Height from the surface	7.8 mm / 0.307 inch
Depth	8.9 mm / 0.35 inch



Solder pin length	3.7 mm
Solder pin dimensions	0.8 x 0.8 mm
Drilled hole diameter (tolerance)	1.1 <sup>(- ... +0.1)</sup> mm

### Plug connection

Contact type (pluggable connector)	Male connector/plug
Connector connection type	for PCBs
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

Color	light gray
Material group	I
Insulating material	Polyamide 66 (PA 66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.007 MJ
Weight	0.392 g

### Environmental Requirements

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

### Commercial data

Product Group	3 (Multi Conn. System)
Country of origin	DE
GTIN	4044918974325
Customs Tariff No.	85366990990


### Approvals / Certificates

#### Country specific Approvals




Logo	Approval	Additional Approval Text	Certificate name
	CCA	EN 61984	2169534.01

DEKRA Certification B.V.





	CCA DEKRA Certification B.V.	IEC 61984	NL-31141
	CSA DEKRA Certification B.V.	C22.2	1465035

## Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1869876- PDA
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE000016Z
	LR Lloyds Register	IEC 61984	96/20035 (E5)

## UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH	UL 1977	E45171
	UL Underwriters Laboratories Inc.	UL 1059	20190122- E45172

## Compatible products

## Coding

	Item no.: 733-330 Coding key; snap-on type; white	<a href="http://www.wago.com/733-330">www.wago.com/733-330</a>
	Item no.: 733-331 Coding key; snap-on type; black	<a href="http://www.wago.com/733-331">www.wago.com/733-331</a>



**Downloads**

**Documentation**

**Additional Information**

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
------------------------	-------------	---------------	----------

---

**CAD/CAE-Data**

**CAD data**

3D Download 733-362	URL	Download
---------------------	-----	----------

---

**EPLAN**

EPLAN Data Portal	Download
-------------------	----------

---

Subject to changes.