

# Fișă tehnică | Număr articol: 733-366/105-604/997-406

THR male header; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; in tape-and-reel packaging; Pin spacing 2.5 mm; 6-pole; black



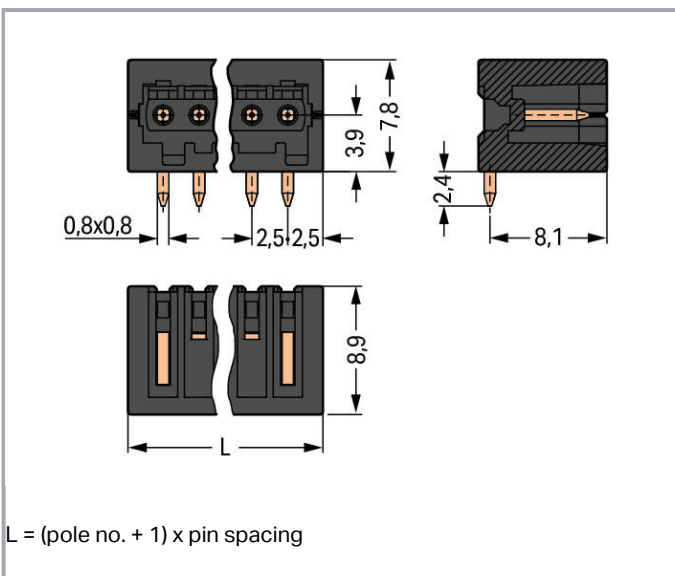
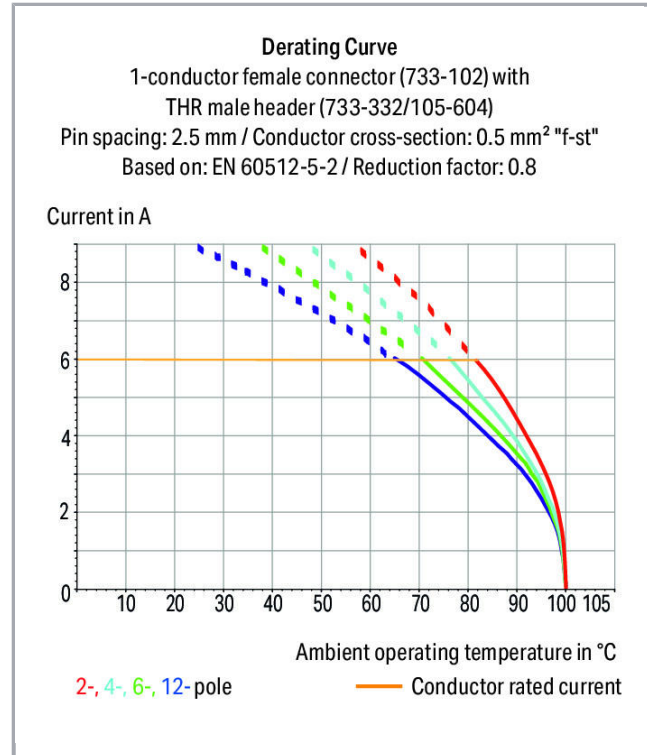
[www.wago.com/733-366/105-604/997-406](http://www.wago.com/733-366/105-604/997-406)



RoHS  
Compliant

BOMcheck.net

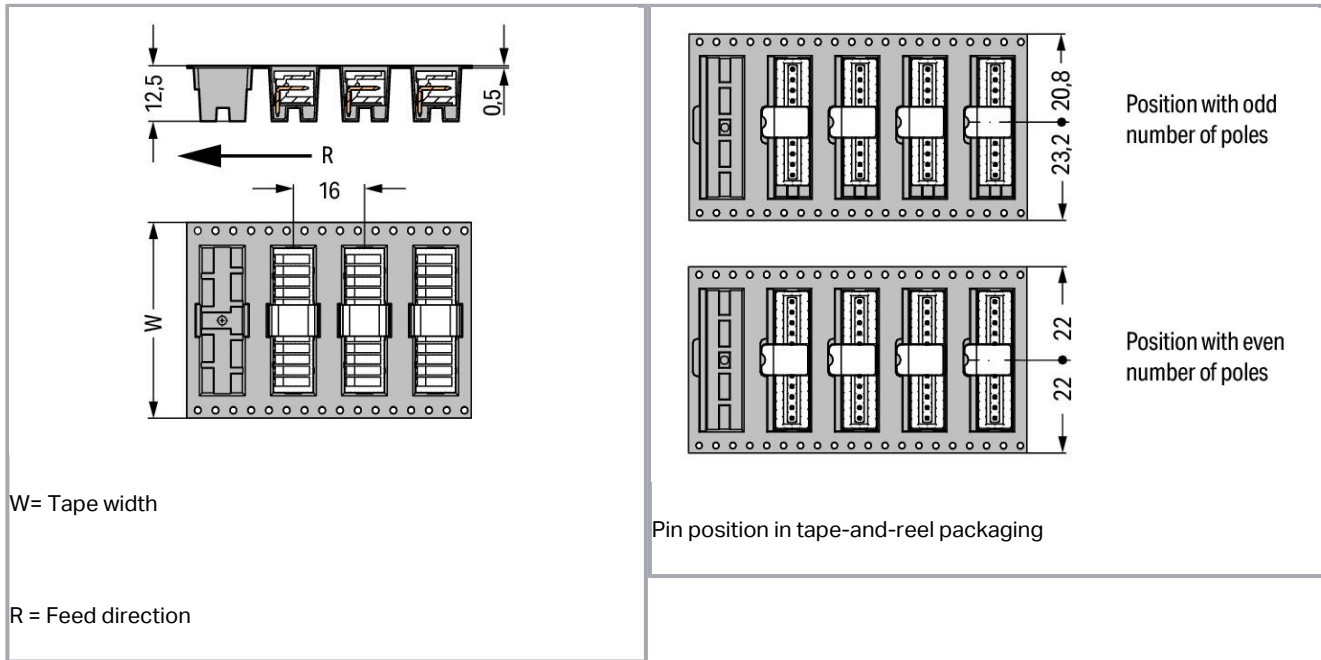
Culoare: ■



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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



## Descriere articol

- THR male headers for reflow soldering in SMT applications
- Available in tape-and-reel packaging for automated pick-and-place PCB assembly
- Optimal thermal penetration via pin enclosure design provides lower soldering temperatures
- 100% protected against mismatching
- 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.

## Date

## Electrical data

### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	80 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2,5 kV

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Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2,5 kV
Rated current	6 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

### Approvals per UL 1059

Rated voltage UL (Use Group B)	150 V
Rated current UL (Use Group B)	4 A
Approvals per	UL 1059

### Approvals per CSA

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

### Connection data

Pole No.	6
Total number of potentials	6
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	2.5 mm / 0.098 inch
Width	17.5 mm / 0.689 inch
Height	10.2 mm / 0.402 inch
Height from the surface	7.8 mm / 0.307 inch
Depth	8.9 mm / 0.35 inch
Solder pin length	2,4 mm
Solder pin dimensions	0.8 x 0.8 mm
Plated through-hole diameter (THR)	1.2 <sup>(+0.1)</sup> mm
Reel diameter of tape-and-reel packaging	330 mm
Tape width	44 mm

### Plug connection

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

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Mating direction to the PCB	0°
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### PCB contact

PCB contact	THR
Solder pin arrangement	over the entire male connector, in line
Number of solder pins per potential	1

### Material Data

Color	black
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0,023 MJ
Weight	1 g

### Environmental Requirements


Limit temperature range	-60 ... +100 °C
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### Commercial data

Packaging type	bag
Country of origin	DE
GTIN	4045454815097
Customs tariff number	85366990990

### Aprobări / certificate

#### UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UR Underwriters Laboratories Inc.	UL 1059	20190122- E45172

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## Counterpart



Nr. articol 733-106

1-conductor female plug; 100% protected against mismatching; 0.5 mm<sup>2</sup>; Pin spacing 2.5 mm; 6-pole; 0,50 mm<sup>2</sup>; light gray

[www.wago.com/733-106](http://www.wago.com/733-106)

## Produse compatibile

### Coding



Nr. articol: 733-331

Coding key; snap-on type; black

[www.wago.com/733-331](http://www.wago.com/733-331)

## Descărcări

### Documentation

#### Additional Information

Technical explanations

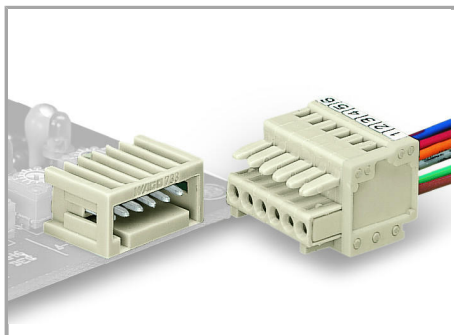
Apr 3, 2019

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Descărcare

## Installation Notes

### Protected Against Mismatching

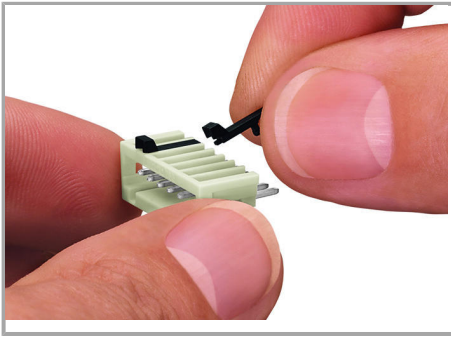


Male headers and female connectors are 100 % protected against mismatching.

Only mating halves with the same pole number can be connected.

### Coding

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

## Familie de produse

*MCS* MICRO

Afișare globală produse din familie.

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