

# Fișă tehnică | Număr articol: 734-166/105-604

THR male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 6-pole; black

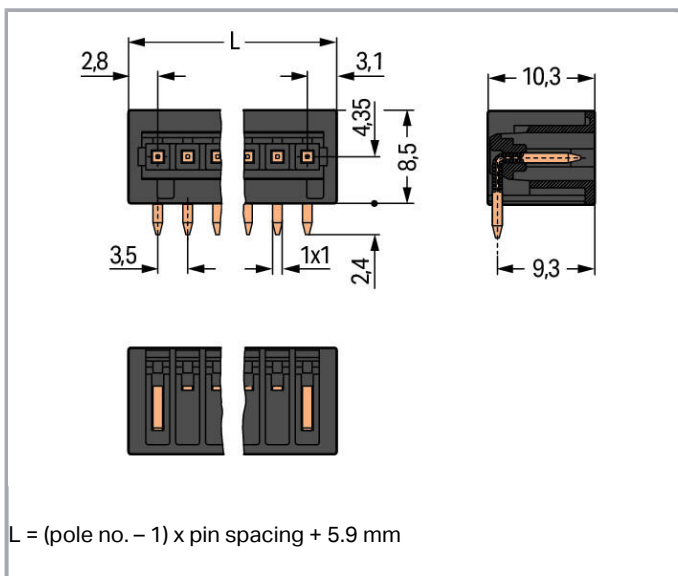
[www.wago.com/734-166/105-604](http://www.wago.com/734-166/105-604)



RoHS  
Compliant



Culoare: ■



Supus modificărilor.

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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 *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. 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)	160 V
Rated surge voltage (III/3)	2,5 kV
Rated voltage (III/2)	160 V
Rated surge 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) $\hat{=}$ Overvoltage category III / Pollution degree 2

#### 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
Approvals per	UL 1059

#### Approvals per CSA

Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	10 A

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Rated voltage CSA (Use Group D)	300 V
Rated current CSA (Use Group D)	10 A

**Connection data**

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

**Geometrical Data**

Pin spacing	3,5 mm / 0.138 inch
Width	23,4 mm / 0.921 inch
Height	10,9 mm / 0.429 inch
Height from the surface	8,5 mm / 0.335 inch
Depth	10,3 mm / 0.406 inch
Solder pin length	2,4 mm
Solder pin dimensions	1 x 1 mm
Plated through-hole diameter (THR)	1,4 <sup>(+0,1)</sup> mm

**Plug 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	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	

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	Electrolytic copper (E <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0,025 MJ
Weight	1,5 g

### Environmental Requirements

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

Product Group	3 (Multi Conn. System)
Packaging type	BOX
Country of origin	PL
GTIN	4044918848923
Customs tariff number	85366990990

### Counterpart



**Nr. articol** 734-106

1-conductor female plug; 100% protected against mismatching; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 6-pole; 1,50 mm<sup>2</sup>; light gray

[www.wago.com/734-106](http://www.wago.com/734-106)

### Produse compatibile

#### Coding



**Nr. articol:** 734-130

Coding key; to be snapped above top level; white

[www.wago.com/734-130](http://www.wago.com/734-130)



**Nr. articol:** 734-159

Coding key; to be snapped above top level; black

[www.wago.com/734-159](http://www.wago.com/734-159)

### Descărcări

#### Documentation

##### Additional Information

Technical explanations	Apr 3, 2019	pdf 3,6 MB	Descărcare
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Supus modificărilor.

## CAD/CAE-Data

### CAD data

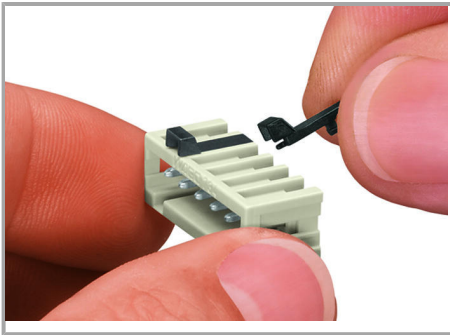
2D/3D Models 734-166/105-604	<a href="#">URL</a>	<a href="#">Descărcare</a>
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### CAE data

EPLAN Data Portal 734-166/105-604	<a href="#">URL</a>	<a href="#">Descărcare</a>
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## Installation Notes

### Coding



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

## Familie de produse

*MCS* MINI

[Afișare globală produse din familie.](#)

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