

# Fișă tehnică | Număr articol: 734-141/105-604

THR male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 11-pole; black

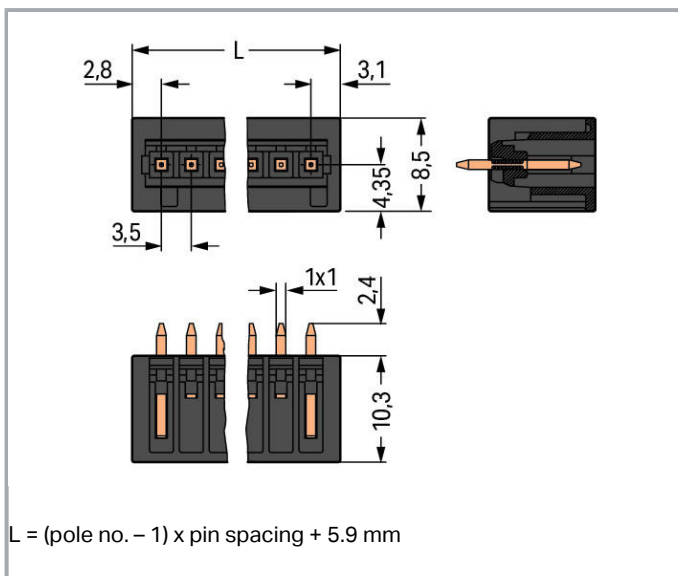
[www.wago.com/734-141/105-604](http://www.wago.com/734-141/105-604)



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)

Culoare: ■



Supus modificărilor.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

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)	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) ≙ 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.	11
Total number of potentials	11
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	3.5 mm / 0.138 inch
Width	40.9 mm / 1.61 inch
Height	12.7 mm / 0.5 inch
Height from the surface	10.3 mm / 0.406 inch
Depth	8.5 mm / 0.335 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 PCBs
Mismating protection	Yes
Mating direction to the PCB	90°

### 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	0,055 MJ
Weight	2,6 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	DE
GTIN	4045454842697
Customs tariff number	85366990990

### Aprobări / certificate

#### Country specific Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	CCA DEKRA Certification B.V.	EN 61984	2169534.02
	CSA DEKRA Certification B.V.	C22.2	1465035

#### Ship Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	ABS American Bureau of Shipping	-	19- HG1869876- PDA

#### UL-Approvals

Emblemă	Aprobare	Text de aprobare suplimentar	Nume certificat
	UL	UL 1977	20150318-

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UL International Germany GmbH

E45171

UR  
Underwriters Laboratories Inc.

UL 1059

20190122-  
E45172

## Counterpart



Nr. articol 734-111

1-conductor female plug; 100% protected against mismatching; 1.5 mm<sup>2</sup>; Pin spacing 3.5 mm; 11-pole; 1,50 mm<sup>2</sup>; light gray[www.wago.com/734-111](http://www.wago.com/734-111)

## Produse compatibile

### Coding



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

## CAD/CAE-Data

### CAD data

2D/3D Models 734-141/105-604

URL

Descărcare

## Installation Notes

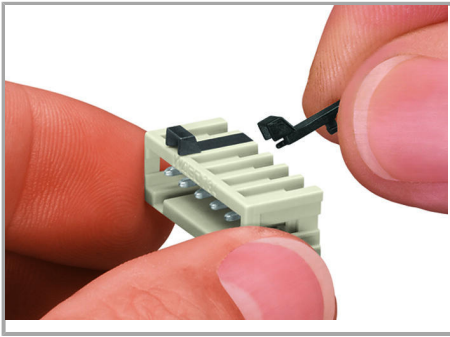
### Coding

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

## Familie de produse

*MCS* MINI

Afișare globală produse din familie.

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