

# Data Sheet | Item Number: 713-1402/037-000

THT male header, 2-row; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Levers; Pin spacing 3.5 mm; 4-pole; black

<https://www.wago.com/713-1402/037-000>



Color: ■ black

Similar to illustration



Dimensions in mm

$L = [(pole\ no./2) - 1] \times pin\ spacing + 11.6\ mm$



Male connector, 713 Series, with 3.5 mm pin spacing

Convenient electrical installations are guaranteed with this male connector (item number 713-1402/037-000). The item's dimensions are (15.1 x 17.3 x 13.3) mm (width x height x depth).

Tin is used for coating the contact surfaces. The pcb connector is designed for THT soldering.

## Notes

## Safety Information

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  
Other solder pin lengths  
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

Ratings per	IEC/EN 60664-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	80 V	160 V	250 V
Rated impulse withstand voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	10 A	10 A	10 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	150 V	50 V	-
Rated current	10 A	10 A	-

Approvals per	CSA		
Use group	B	C	D
Rated voltage	150 V	-	-
Rated current	12 A	-	-

## Connection Data

Total number of potentials	4
Number of connection types	1
Number of levels	2

## Connection 1

Pole number	4
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## Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	15.1 mm / 0.594 inches
Height	17.3 mm / 0.681 inches
Height from the surface	13.5 mm / 0.531 inches
Depth	13.3 mm / 0.524 inches
Solder pin length	3.8 mm
Solder pin dimensions	0.8 x 0.8 mm
Drilled hole diameter with tolerance	1.2 <sup>(+0.1)</sup> 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
Mating direction to the PCB	90 °
Locking of plug-in connection	Locking lever

### 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)	<a href="#">Information on material specifications can be found here</a>
Color	black
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E <sub>Cu</sub> )
Contact Plating	Tin
Fire load	0.017 MJ
Weight	1.5 g

### Environmental requirements

Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

### Commercial data

PU (SPU)	80 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966230420
Customs tariff number	85366930000

### Product Classification

UNSPSC	39121409
eCl@ss 9.0	27-44-04-02
ETIM 9.0	EC002637
ETIM 10.0	EC002637
ECCN	NO US CLASSIFICATION

### Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-102427
CSA CSA Group	C22.2 No. 158	2315087
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-133740

### Downloads

#### Environmental Product Compliance

Compliance Search
Environmental Product Compliance 713-1402/037-000

### Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	

### CAD/CAE-Data

CAD data	
2D/3D Models 713-1402/037-000	

### 1 Compatible Products

#### 1.1 System counterpart

##### 1.1.1 Female connector/socket



**Item No.: [713-1102/037-000](#)**  
 1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mis-mating; Levers; 1,50 mm²; black

**Item No.: [713-1102/037-000/031-000](#)**  
 1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mis-mating; Levers; Strain relief plate; 1,50 mm²; black

## 1.2 Optional Accessories

### 1.2.1 Coding

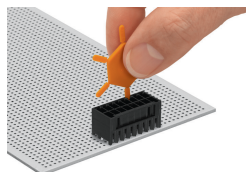
#### 1.2.1.1 Coding



Item No.: [714-101](#)  
Coding key; orange

## Installation Notes

### Coding



Coding a male header by inserting a coding pin.