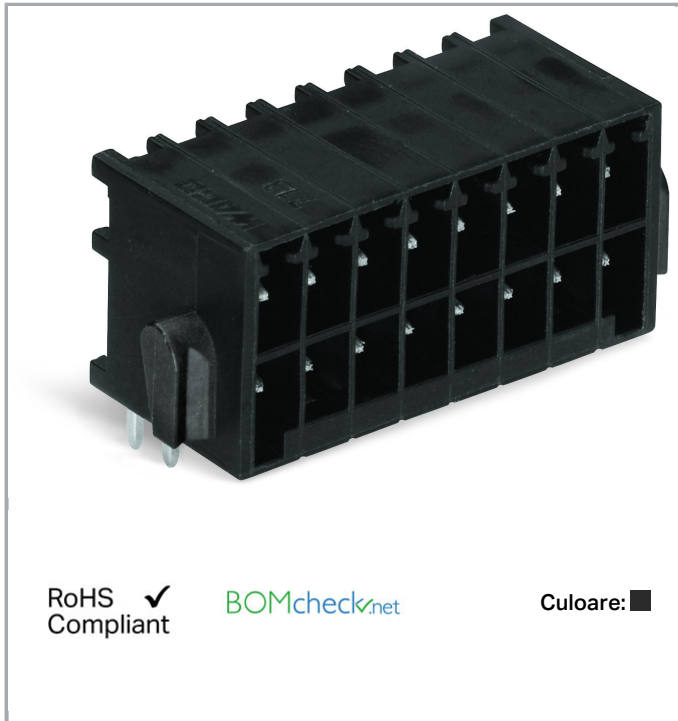


Fișă tehnică | Număr articol: 713-1438/037-000

THT male header, 2-row; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Levers; Pin spacing 3.5 mm; 2 x 18-pole; black

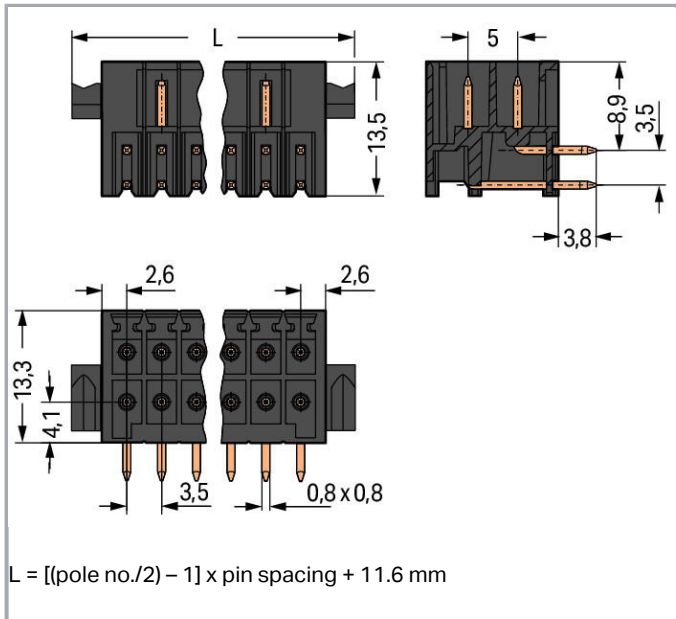
www.wago.com/713-1438/037-000



Supus modificărilor.

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/Representative Office Romania
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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

- Male headers may be mounted horizontally or vertically via straight or angled solder pins
- Header housing is molded of THT-compatible insulation material for lead-free reflow soldering
- Separated pin slots prevent damage and make the headers touch-proof when unplugged
- 100% protected against mismatching
- Coding pins available

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) | 250 V |
| Rated surge voltage (II/2) | 2,5 kV |
| Rated current | 10 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) | 10 A |
| Rated voltage UL (Use Group C) | 50 V |
| Rated current UL (Use Group C) | 10 A |
| Approvals per | UL 1059 |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 150 V |
| Rated current CSA (Use Group B) | 12 A |

Connection data

| | |
|----------------------------|----|
| Pole No. | 36 |
| Total number of potentials | 3 |
| Number of connection types | 1 |
| Number of levels | 2 |

Geometrical Data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 3.5 mm / 0.138 inch |
| Width | 71.1 mm / 2.799 inch |
| Height | 17.1 mm / 0.673 inch |
| Height from the surface | 13.3 mm / 0.524 inch |
| Depth | 13.5 mm / 0.531 inch |
| Solder pin length | 3,8 mm |
| Solder pin dimensions | 0.8 x 0.8 mm |
| Drilled hole diameter with tolerance | 1.2 ^(+0.1) mm |

Plug connection

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

Supus modificărilor.

| | |
|-------------------------------|---------------|
| Mating direction to the PCB | 0° |
| 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

| | |
|-----------------------------|----------------------------------------|
| Color | black |
| Material group | I |
| Insulation material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0,189 MJ |
| Weight | 9,4 g |

Environmental Requirements


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

Commercial data

| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| Packaging type | BOX |
| Country of origin | PL |
| GTIN | 4045454808891 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals


| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|------------------------------------------------------------------------------------|---------------------------------|------------------------------|-----------------|
|  | CCA DEKRA Certification B.V. | EN 61984 | 2169947.01 |
| | CSA | C22.2 No. 158 | 2315087 |

Supus modificărilor.








DEKRA Certification B.V.

UL-Approvals

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

Counterpart

| | | |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|  | Nr. articol 713-1118/037-000 1-conductor female connector, 2-row; 100% protected against mismatching; Levers; 1.5 mm ² ; Pin spacing 3.5 mm; 36-pole; 1,50 mm ² ; black | www.wago.com/713-1118/037-000 |
|  | Nr. articol 713-1118/037-047 1-conductor female connector, 2-row; 100% protected against mismatching; Levers; direct marking; 1.5 mm ² ; Pin spacing 3.5 mm; 36-pole; 1,50 mm ² ; black | www.wago.com/713-1118/037-047 |
|  | Nr. articol 713-1118/037-047/035-000 1-conductor female connector, 2-row; 100% protected against mismatching; Levers; Strain relief plate; direct marking; 1.5 mm ² ; Pin spacing 3.5 mm; 36-pole; 1,50 mm ² ; black | www.wago.com/713-1118/037-047/035-000 |
|  | Nr. articol 713-1118/037-9037 1-conductor female connector, 2-row; 100% protected against mismatching; Levers; direct marking; 1.5 mm ² ; Pin spacing 3.5 mm; 36-pole; 1,50 mm ² ; black | www.wago.com/713-1118/037-9037 |
|  | Nr. articol 713-1118/037-9037/035-000 1-conductor female connector, 2-row; 100% protected against mismatching; Levers; Strain relief plate; direct marking; 1.5 mm ² ; Pin spacing 3.5 mm; 36-pole; 1,50 mm ² ; black | www.wago.com/713-1118/037-9037/035-000 |

Produse compatibile

Coding

| | | |
|------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|
|  | Nr. articol: 714-101 Coding key; orange | www.wago.com/714-101 |
|------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|

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Descărcări Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|------------|
| Technical explanations | Apr 3, 2019 | pdf 3,6 MB | Descărcare |
|------------------------|-------------|---------------|------------|

CAD/CAE-Data

CAD data

| | | |
|-------------------------------|-----|------------|
| 2D/3D Models 713-1438/037-000 | URL | Descărcare |
|-------------------------------|-----|------------|

PCB Design

| | | |
|---------------------------------------|-----|------------|
| Symbol and Footprint 713-1438/037-000 | URL | Descărcare |
|---------------------------------------|-----|------------|

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4

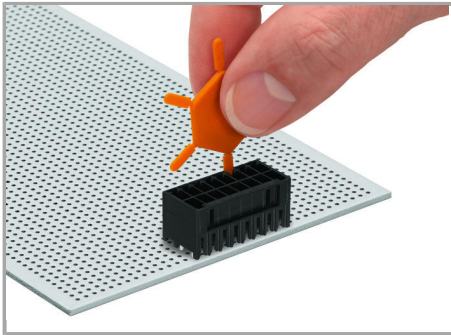
—
Supus modificărilor.

- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

Installation Notes

Coding



Coding a male header by inserting a coding pin.

Familie de produse

MCS MINI HD

Afișare globală produse din familie.

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