

Data Sheet | Item Number: 713-1426/107-000

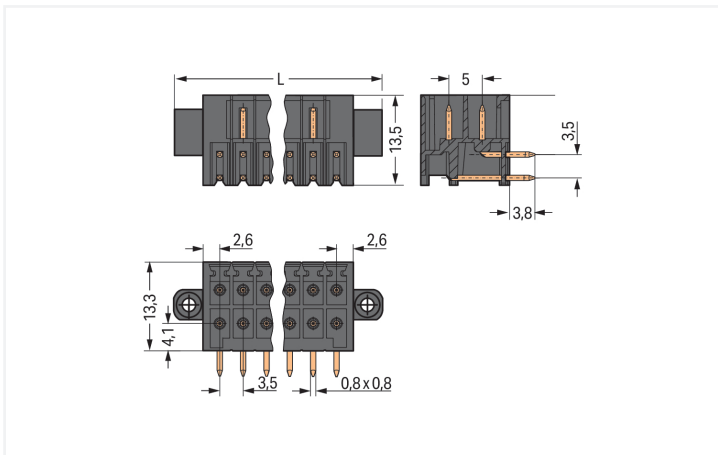
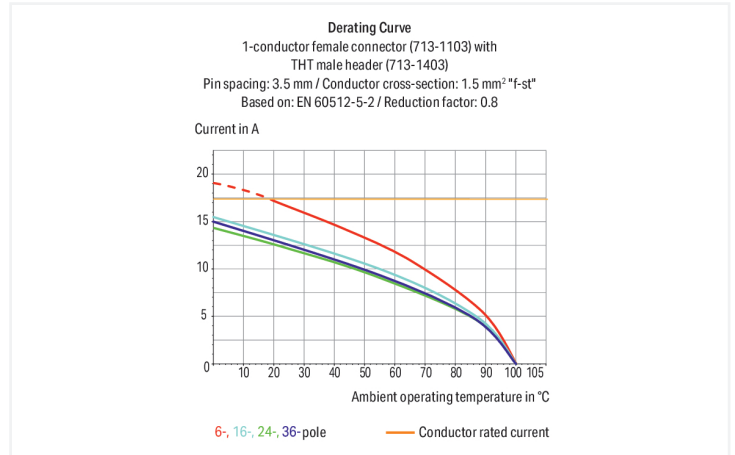
THT male header, 2-row; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Threaded flange; Pin spacing 3.5 mm; 12-pole; black

<https://www.wago.com/713-1426/107-000>



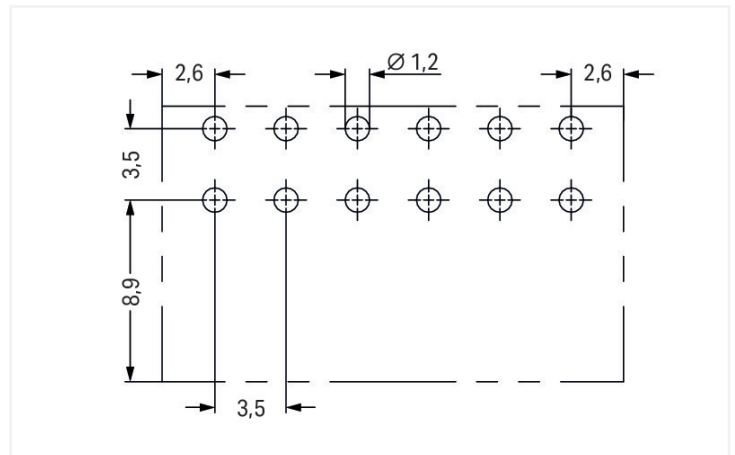
Color: ■ black

Similar to illustration



Dimensions in mm

$L = [(pole\ no./2) - 1] \times pin\ spacing + 13.6\ mm$



Male connector, 713 Series, solder pin dimensions 0.8 x 0.8 mm

This male connector (item number 713-1426/107-000) provides fault-free electrical installations. The dimensions are (31.1 x 17.1 x 13.5) mm (width x height x depth).

The contact surface is coated with tin. THT is used to assemble the pcb connector.

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 | | | Approvals per | UL 1059 | | |
|---------------------------------|----------------|--------|--------|---------------|---------|------|---|
| Overvoltage category | III | III | II | Use group | B | C | D |
| Pollution degree | 3 | 2 | 2 | Rated voltage | 150 V | 50 V | - |
| Nominal voltage | 80 V | 160 V | 250 V | Rated current | 10 A | 10 A | - |
| Rated impulse withstand voltage | 2.5 kV | 2.5 kV | 2.5 kV | | | | |
| Rated current | 10 A | 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 | 12 | Connection 1 | |
| Number of connection types | 1 | Pole number | 12 |
| Number of levels | 2 | | |

Physical data

| | |
|--------------------------------------|--------------------------|
| Pin spacing | 3.5 mm / 0.138 inches |
| Width | 31.1 mm / 1.224 inches |
| Height | 15.7 mm / 0.618 inches |
| Height from the surface | 13.3 mm / 0.524 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 ^(+0.1) 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 | 0° |
| Locking of plug-in connection | Threaded flange |

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) | Information on material specifications can be found here |
| Color | black |
| Material group | I |
| Insulation material (main housing) | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact Plating | Tin |
| Fire load | 0.076 MJ |
| Weight | 4 g |

Environmental requirements

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

Commercial data

| | |
|-----------------------|------------------------|
| Product Group | 3 (Multi Conn. System) |
| PU (SPU) | 25 pcs |
| Packaging type | Box |
| Country of origin | PL |
| GTIN | 4045454809133 |
| Customs tariff number | 85366930000 |

Product Classification

| | |
|-------------|----------------------|
| UNSPSC | 39121409 |
| eCl@ss 10.0 | 27-44-04-02 |
| 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,With Exemption |
| RoHS Exemption | 6(c) |
| SCIP notification number (Austria) | f258f417-9169-4e60-b2d2-b2f3ecdcf2a |
| SCIP notification number (Belgium) | 8fa5e7d6-68a5-4677-87b6-edbca0002eb8 |
| SCIP notification number (Bulgaria) | 49b4700b-6a4a-4ef6-b235-af95299cddb3 |
| SCIP notification number (Czech Republic) | d8510442-2ac9-4b33-9373-74eb223e5d63 |
| SCIP notification number (Denmark) | ff9859f7-fd2d-49ca-ac8a-4bf8d192a383 |
| SCIP notification number (Finland) | 06746f57-9cfa-4b60-8e64-bf4f289fc0ac |
| SCIP notification number (France) | 7758a8b8-7813-4e76-8f5d-04b617f42de2 |
| SCIP notification number (Germany) | 184e0f48-3c73-4c3d-973d-a498f1160372 |
| SCIP notification number (Hungary) | 123ba1c5-325e-4c4b-8da3-b5a8119957bf |
| SCIP notification number (Italy) | 4c8051e4-b628-4cec-acc9-2390b1f7bc20 |
| SCIP notification number (Netherlands) | c314f26d-086e-487c-af24-e7427e119781 |
| SCIP notification number (Poland) | 77c974cd-d00e-48f8-ae16-e0fc3cee7d6c |
| SCIP notification number (Romania) | e4687235-3af1-4a67-85a1-f1c940cfb059 |
| SCIP notification number (Sweden) | 28446edd-5929-4d6a-a4fb-cc048f06d7a8 |

Approvals / Certificates

General approvals



| Approval | Standard | Certificate Name |
|---------------------------------------|-----------|------------------|
| CB DEKRA Certification B.V. | IEC 61984 | NL-102427 |
| CSA CSA Group | C22.2 | 2315087 |
| KEMA/KEUR DEKRA Certification B.V. | EN 61984 | 71-133740 |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|--|---|
| Environmental Product Compliance 713-1426/107-000 | ↓ |
|--|---|

Documentation

Additional Information

| | | | |
|-------------------|------------|-------------------|---|
| Technical Section | 03.04.2019 | pdf 2027.26 KB | ↓ |
|-------------------|------------|-------------------|---|

CAD/CAE-Data

CAD data

2D/3D Models
713-1426/107-000



CAE data

ZUKEN Portal
713-1426/107-000



PCB Design

Symbol and Footprint
via SamacSys
713-1426/107-000



Symbol and Footprint
via Ultra Librarian
713-1426/107-000



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 713-1106/107-000

1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5
mm; 12-pole; 100% protected against
mismatching; Screw flange; black



Item No.: 713-1106/107-047

1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5
mm; 12-pole; 100% protected against
mismatching; Screw flange; direct marking;
black



Item No.: 713-1106/107-9037

1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5
mm; 12-pole; 100% protected against
mismatching; Screw flange; direct marking;
black



Item No.: 713-1106/107-000/036-000

1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5
mm; 12-pole; 100% protected against
mismatching; Screw flange; Strain relief pla-
te; 1,50 mm²; black



Item No.: 713-1106/107-9037/032-000

1-conductor female connector, 2-row; CA-
GE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm;
12-pole; 100% protected against mismatch-
ing; Screw flange; Strain relief plate; direct
marking; black

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

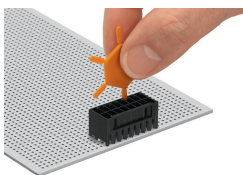


Item No.: 714-101

Coding key; orange

Installation Notes

Coding



Coding a male header by inserting a co-
ding pin.

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com