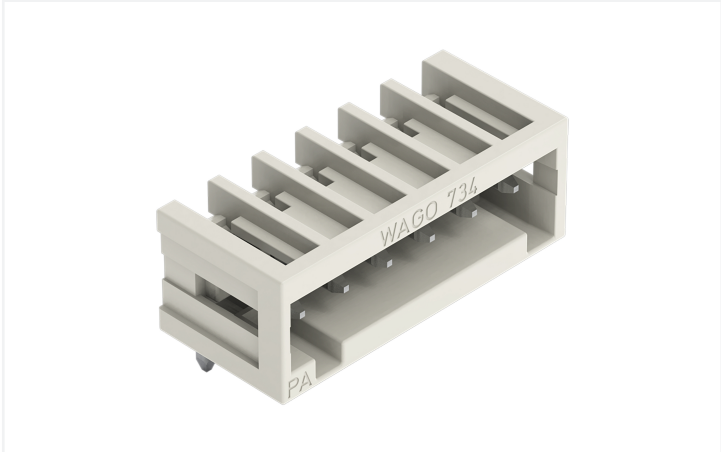


Data Sheet | Item Number: 734-164

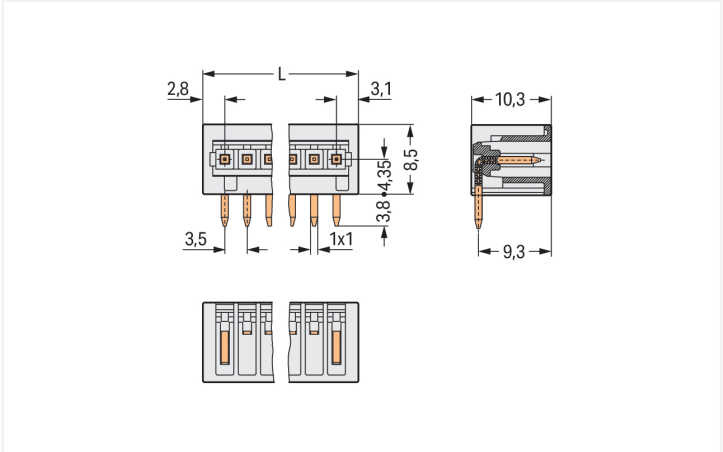
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mis-mating; Pin spacing 3.5 mm; 4-pole; light gray

<https://www.wago.com/734-164>

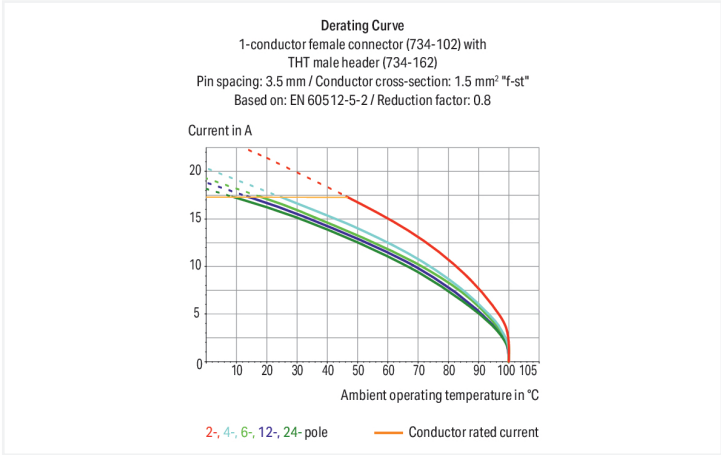


Color: ■ light gray

Similar to illustration



Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 5.9 \text{ mm}$



Stiftleiste Serie 734, lichtgrau

Die Stiftleiste hat die Artikelnummer 734-164 und bietet eine reibungslose Elektroinstallation. Setzen Sie beim Design-In Ihres Gerätes auf bewährte Sicherheit: Mit Leiterplatten-Steckverbindern erhalten Sie vielseitige Verwendungsmöglichkeiten. In Breite x Höhe x Tiefe sind die Maße (16,4 x 12,3 x 10,3) mm. Die Oberfläche der Kontakte ist aus Zinn. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten. Die Ver-lötung des Leiterplatten-Steckverbinders erfolgt mittels THT.

| Notes | |
|--------------------|--|
| Safety Information | The MCS – <i>MULTI CONNECTION SYSTEM</i> 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 3.8 mm pin projection for male headers with straight solder pins 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 |
| Pollution degree | 3 | 2 | 2 | Rated voltage | 300 V | - |
| Nominal voltage | 160 V | 160 V | 320 V | Rated current | 10 A | - |
| Rated surge 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 | 300 V | - | 300 V | |
| Rated current | 10 A | - | 10 A | |

| Connection data | | | |
|----------------------------|---|--------------|---|
| Total number of potentials | 4 | Connection 1 | |
| Number of connection types | 1 | Pole number | 4 |
| Number of levels | 1 | | |

| Physical data | |
|--------------------------------------|------------------------|
| Pin spacing | 3.5 mm / 0.138 inches |
| Width | 16.4 mm / 0.646 inches |
| Height | 12.3 mm / 0.484 inches |
| Height from the surface | 8.5 mm / 0.335 inches |
| Depth | 10.3 mm / 0.406 inches |
| Solder pin length | 3.8 mm |
| Solder pin dimensions | 1 x 1 mm |
| Drilled hole diameter with tolerance | 1.4 (+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 ° |

| 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 | | light gray |
| Material group | | I |
| Insulation material (main housing) | | Polyamide (PA66) |
| Flammability class per UL94 | | V0 |
| Contact material | | Electrolytic copper (E _{CU}) |
| Contact Plating | | Tin |
| Fire load | | 0.018 MJ |
| Weight | | 1.1 g |

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

| Commercial data | | |
|-----------------------|--|------------------------|
| Product Group | | 3 (Multi Conn. System) |
| PU (SPU) | | 200 pcs |
| Packaging type | | Box |
| Country of origin | | PL |
| GTIN | | 4044918872263 |
| 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 8.0 | | EC002637 |
| ECCN | | NO US CLASSIFICATION |

| Environmental Product Compliance | | |
|----------------------------------|--|-------------------------|
| RoHS Compliance Status | | Compliant, No Exemption |

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 734-164

↓



Documentation

Additional Information

Technical Section

03.04.2019

pdf
2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 734-164

↓

CAE data

EPLAN Data Portal
734-164

↓

ZUKEN Portal 734-164

↓

PCB Design

Symbol and Footprint
via SamacSys 734-164

↓


Symbol and Footprint
via Ultra Librarian
734-164

↓


1 Compatible Products

1.1 System counterpart


1.1.1 Female connector/socket




Item No.: 734-104
1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 1,50 mm²; light gray




Item No.: 734-104/037-000
1-conductor female connector; lever; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray




Item No.: 734-104/037-000/033-000
1-conductor female connector; lever; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; 1,50 mm²; light gray




Item No.: 2734-1104/327-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 1,50 mm²; light gray




Item No.: 2734-1104/328-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Centered locking levers; 1,50 mm²; light gray




Item No.: 2734-1104/328-000/334-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; 1,50 mm²; light gray




Item No.: 2734-1104/327-047
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; direct marking; 1,50 mm²; light gray




Item No.: 2734-1104/327-9037
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; direct marking; 1,50 mm²; light gray




Item No.: 2734-1104/038-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray




Item No.: 2734-1104/038-000/334-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; 1,50 mm²; light gray




Item No.: 2734-1104/327-000/334-000
1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Strain relief plate; 1,50 mm²; light gray




Item No.: 2734-104
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 1,50 mm²; light gray




Item No.: 2734-104/031-000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; clamping collar; 1,50 mm²; light gray



Item No.: 2734-104/037-000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Lateral locking levers; 1,50 mm²; light gray



Item No.: 2734-104/033-000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Strain relief plate; 1,50 mm²; light gray



Item No.: 734-534
THT female header; angled; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

1.1.1 Female connector/socket



Item No.: 734-534/037-000
THT female header; angled; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; light gray



Item No.: 734-464
THT female header; straight; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray



Item No.: 734-464/037-000
THT female header; straight; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Locking lever; 0.9 x 0.9 mm solder pin; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



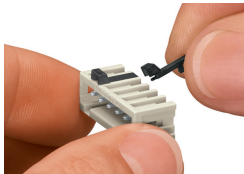
Item No.: 734-159
Coding key; to be snapped above top level; black



Item No.: 734-130
Coding key; to be snapped above top level; white

Installation Notes

Coding



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