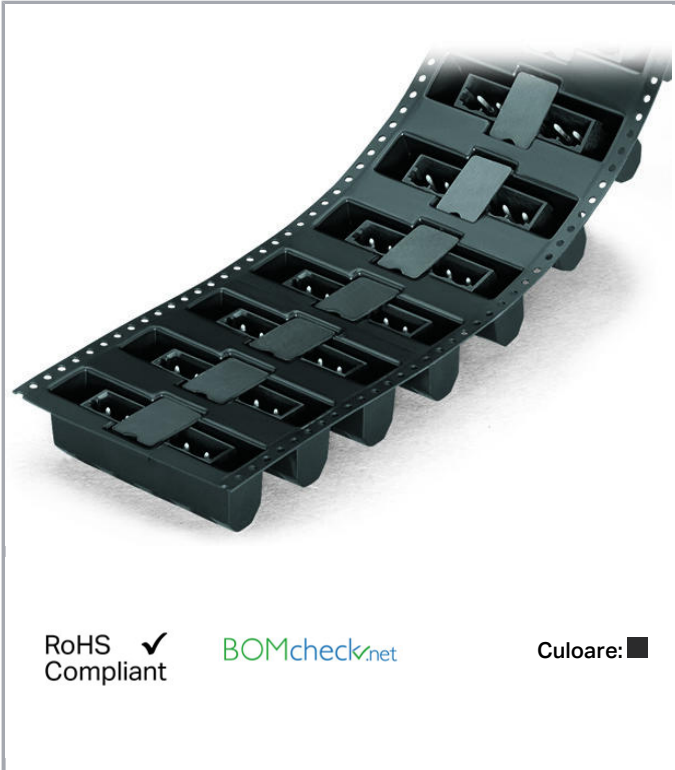


Fișă tehnică | Număr articol: 231-165/001-000/105-604/997-407

THR male header; 1.2 x 1.2 mm solder pin; straight; in tape-and-reel packaging; Pin spacing 5 mm; 5-pole; black

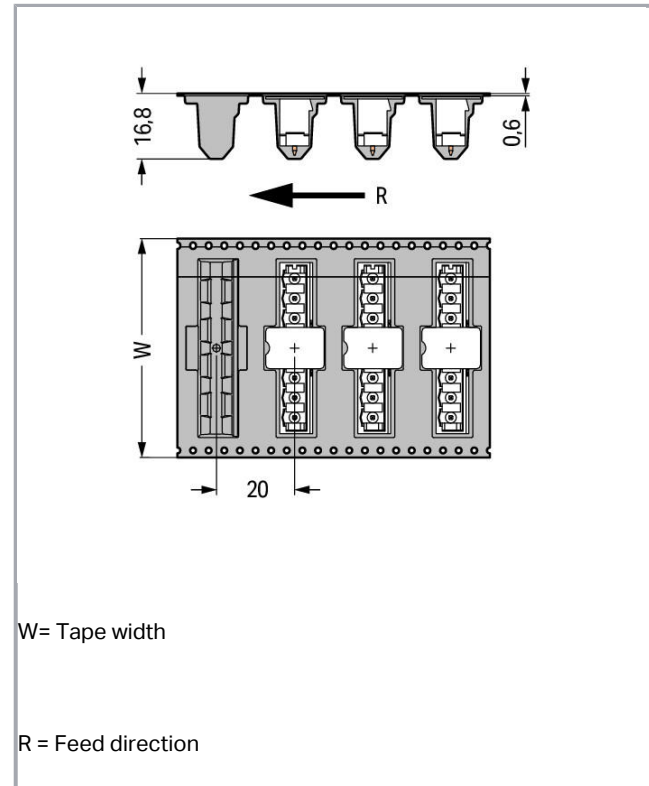
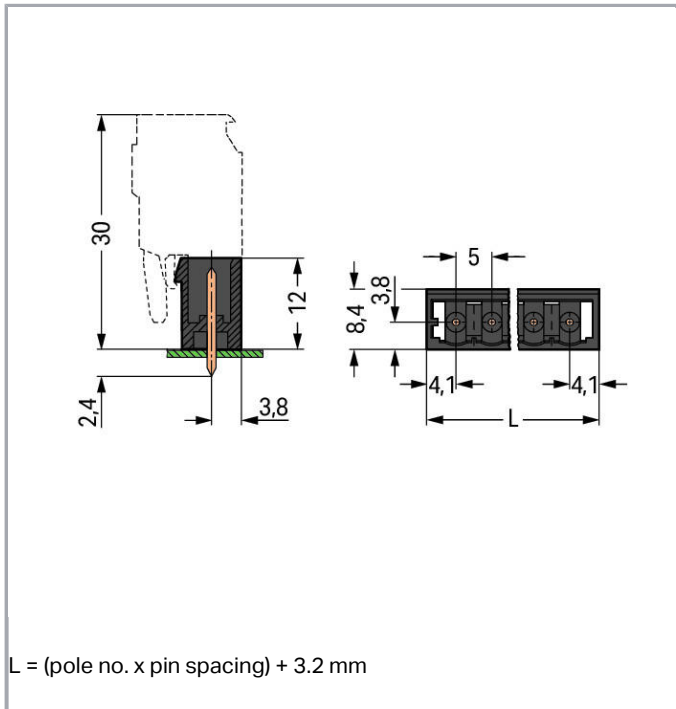
www.wago.com/231-165/001-000/105-604/997-407



Supus modificărilor.

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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

- THR male headers for reflow soldering in SMT applications
- Available in tape-and-reel packaging for automated pick-and-place PCB assembly
- 1.2 x 1.2 mm solder pins allow nominal current up to 16 A, enhancing stability of shorter headers
- Also available in bulk packaging for manual placement
- Male headers may be mounted horizontally or vertically
- With 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

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Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 60664-1 |
|-----------------------------|----------------------------------------------------------------------|
| Nominal voltage (III/3) | 250 V |
| Rated surge voltage (III/3) | 4 kV |
| Rated voltage (III/2) | 320 V |
| Rated surge voltage (III/2) | 4 kV |
| Nominal voltage (II/2) | 630 V |
| Rated surge voltage (II/2) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) \triangleq 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 UL 1977

| | |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 15 A |

Approvals per CSA

| | |
|---------------------------------|-------|
| Rated voltage CSA (Use Group B) | 300 V |
| Rated current CSA (Use Group B) | 10 A |
| Rated voltage CSA (Use Group D) | 300 V |
| Rated current CSA (Use Group D) | 10 A |

Connection data

| | |
|----------------------------|---|
| Pole No. | 5 |
| Total number of potentials | 5 |
| Number of connection types | 1 |
| Number of levels | 1 |

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Geometrical Data

| | |
|------------------------------------------|--------------------------|
| Pin spacing | 5 mm / 0.197 inch |
| Width | 28.2 mm / 1.11 inch |
| Height | 14.4 mm / 0.567 inch |
| Height from the surface | 12 mm / 0.472 inch |
| Depth | 8.4 mm / 0.331 inch |
| Solder pin length | 2,4 mm |
| Solder pin dimensions | 1.2 x 1.2 mm |
| Plated through-hole diameter (THR) | 1.7 ^(+0.1) mm |
| Reel diameter of tape-and-reel packaging | 330 mm |
| Tape width | 56 mm |

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type) | for PCBs |
| Mismating protection | No |
| 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 | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0,044 MJ |
| Weight | 1,7 g |

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 Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

Environmental Requirements


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

Commercial data

| | |
|-----------------------|---------------|
| Packaging type | bag |
| Country of origin | DE |
| GTIN | 4050821003939 |
| Customs tariff number | 85366990990 |

Aprobări / certificate

Country specific Approvals

| Emblemă | Aprobare | Text de aprobare suplimentar | Nume certificat |
|----------------------------------------------------------------------------------|---------------------------------|------------------------------|-----------------|
|  | CSA DEKRA Certification B.V. | C22.2 | 1466354 |

Counterpart



Nr. articol 231-105/026-000
1-conductor female plug; 2.5 mm²; Pin spacing 5 mm; 5-pole; 2,50 mm²; gray

www.wago.com/231-105/026-000

Produse compatibile

Marking accessories



Nr. articol: 210-833
Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

www.wago.com/210-833



Nr. articol: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

www.wago.com/210-834

Coding



Nr. articol: 231-129
Coding key; snap-on type; light gray

www.wago.com/231-129



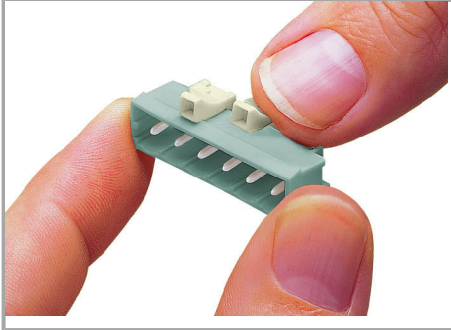
Nr. articol: 231-500
Spacer; for formation of groups; light gray

www.wago.com/231-500

Supus modificărilor.

Installation Notes

Coding



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

Familie de produse

<i>MCS</i> MIDI Classic

Afișare globală produse din familie.

Supus modificărilor.