

Printview: Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-438/001-000

**WAGO**® online catalog / eShop

**Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end**

Item No.: 231-438/001-000



Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end

## Marking

RoHS ✓  
Compliant

## Business data

|                      |                 |
|----------------------|-----------------|
| Supplier             | WAGO            |
| Item no.             | 231-438/001-000 |
| GTIN / EAN           | 4044918866262   |
| Content              | 1               |
| Order amount         | 100             |
| Customer item number |                 |

## Notes

1.2 x 1.2mm solder pins allow nominal current up to 16A, enhancing stability of shorter headers Enclosed on each side, the pin housing design prevents mismatching Coding option available

## Technical data

### Miscellaneous

|                           |                   |
|---------------------------|-------------------|
| No. of poles              | 8                 |
| Pin Spacing               | 5 mm / 0.197 in % |
| Color                     | gray              |
| Ratings according to 1    | IEC/EN 60664-1    |
| Overtoltage category EN 1 | III               |
| Pollution degree (1)      | 2                 |
| Rated voltage EN (1) [V]  | 320 [V]           |

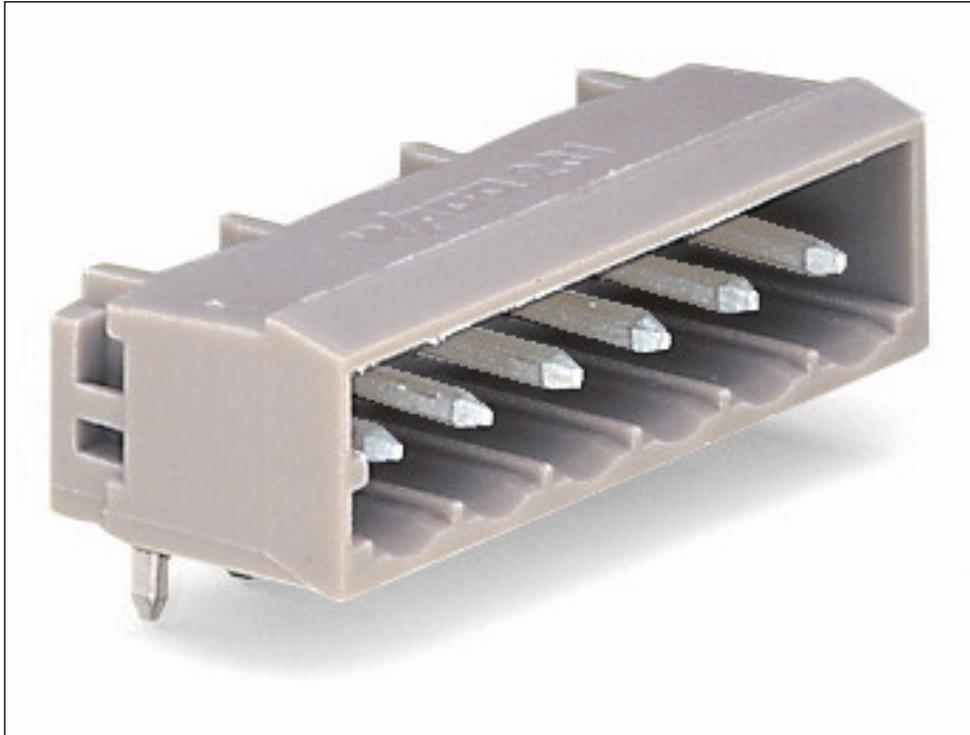
Printview: Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-438/001-000

| <b>Technical data</b>                 |                           |
|---------------------------------------|---------------------------|
| <i>Rated surge voltage (1) [kV]</i>   | 4 [kV]                    |
| <i>Nominal current [A]</i>            | 12 [A]                    |
| <i>Overvoltage category EN 2</i>      | II                        |
| <i>Degree of pollution (2)</i>        | 2                         |
| <i>Rated voltage EN (2) [V]</i>       | 630 [V]                   |
| <i>Rated surge voltage (2) [kV]</i>   | 4 [kV]                    |
| <i>Nominal current (2) [A]</i>        | 12 [A]                    |
| <i>Overvoltage category EN 3</i>      | III                       |
| <i>Degree of pollution (3)</i>        | 3                         |
| <i>Rated voltage EN (3) [V]</i>       | 250 [V]                   |
| <i>Rated surge voltage (3) [kV]</i>   | 4 [kV]                    |
| <i>Nominal current (3) [A]</i>        | 12 [A]                    |
| <i>Solder pin length [mm]</i>         | 3.8 [mm]                  |
| <i>Solder pin width A [mm]</i>        | 1 [mm]                    |
| <i>Solder pin width B [mm]</i>        | 1 [mm]                    |
| <i>Tolerance of drilled hole [mm]</i> | 1.4(+ 0.1) [mm]           |
| <i>Material group</i>                 | I                         |
| <i>Insulating material</i>            | Polyamide 66 (PA 66)      |
| <i>Flammability rating per UL 94</i>  | V0                        |
| <i>Limit temperature range</i>        | -60 C ... 100 C           |
| <i>Contact material</i>               | Electrolytic copper (Ecu) |
| <i>Contact plating</i>                | tin-plated                |
| <i>Fire load [MJ]</i>                 | 0.045 [MJ]                |
| <i>Weight [g]</i>                     | 2.6 [g]                   |
| <i>Width</i>                          | 43.2 mm / 1.701 in        |
| <i>Height</i>                         | 12.2 mm / 0.48 in         |
| <i>Height from the surface</i>        | 8.4 mm / 0.331 in         |
| <i>Length</i>                         | 12 mm / 0.472 in          |

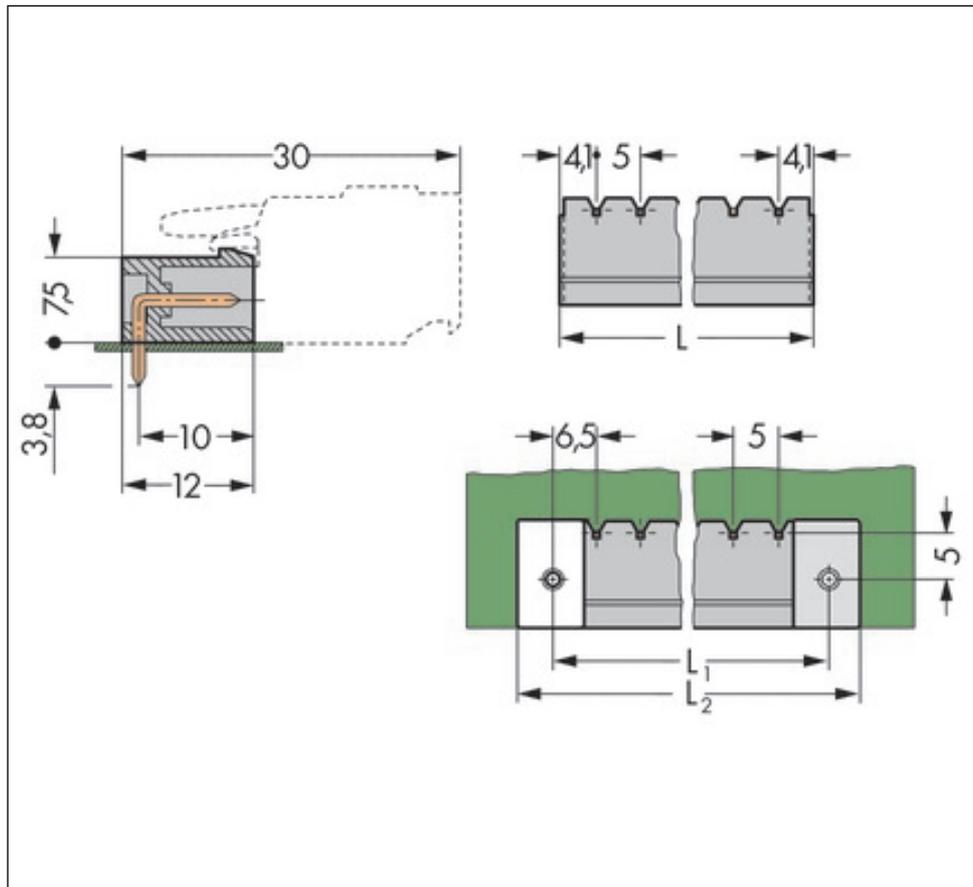
Printview: Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-438/001-000

---

### Images & drawings



Printview: Male connector; with angled solder pins; 8-pole; pin spacing 5 mm / 0.197 in; Horizontal PCB mounting; with closed end - Item No.: 231-438/001-000



#### Address

WAGO Kontakttechnik GmbH & Co. KG

Hansastr. 27

32423 Minden

Telefon: 0571/887-0

Fax: 0571/887-169

<http://www.wago.com>

© WAGO Kontakttechnik GmbH & Co. KG

Technische Änderungen und Irrtümer vorbehalten.