

PTE 1,5/ 2-7,5 EU - PCB terminal block



1709231

<https://www.phoenixcontact.com/gb/products/1709231>

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Printed circuit board terminal, number of potentials: 2, number of rows: 1, number of positions per row: 2, product range: PTE 1,5, pitch: 7.5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, mounting: Wave soldering, conductor/PCB connection direction: 0 °, color: black, Pin layout: Linear pinning, Solder pin [P]: 3 mm, number of solder pins per potential: 1, type of packaging: packed in cardboard. For special applications, a rated insulation voltage of 250 V at a rated surge voltage of 1 kV is also possible according to overvoltage category IV and degree of pollution 3.

Your advantages

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors

Commercial data

| | |
|--------------------------------------|--------------------------------|
| Item number | 1709231 |
| Packing unit | 250 pc |
| Minimum order quantity | 250 pc |
| Note | Made to order (non-returnable) |
| Sales key | AALFNA |
| Product key | AALFNA |
| GTIN | 4055626053318 |
| Weight per piece (including packing) | 4.224 g |
| Weight per piece (excluding packing) | 4.157 g |
| Customs tariff number | 85369010 |
| Country of origin | CN |

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Technical data

Product properties

| | |
|---------------------------|--------------------------------|
| Product type | Printed circuit board terminal |
| Product family | PTE 1,5 |
| Product line | COMBICON Terminals S |
| Type | PC termination block |
| Number of positions | 2 |
| Pitch | 7.5 mm |
| Number of connections | 2 |
| Number of rows | 1 |
| Number of potentials | 2 |
| Pin layout | Linear pinning |
| Solder pins per potential | 1 |

Mounting

| | |
|---------------|----------------|
| Mounting type | Wave soldering |
| Pin layout | Linear pinning |

Material specifications

Material data - housing

| | |
|-----------------|--------------|
| Color (Housing) | black (9005) |
|-----------------|--------------|

Dimensions

| | |
|-----------------------|--|
| Dimensional drawing |  |
| Pitch | 7.5 mm |
| Width [w] | 13.24 mm |
| Height [h] | 16.58 mm |
| Length [l] | 13 mm |
| Installed height | 13.58 mm |
| Solder pin length [P] | 3 mm |

PCB design

| | |
|---------------|--------|
| Pin spacing | 7.5 mm |
| Hole diameter | 1.3 mm |

Environmental and real-life conditions

Ambient conditions

| | |
|---------------------------------|--|
| Ambient temperature (operation) | -40 °C (dependent on the derating curve) |
|---------------------------------|--|

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| | |
|---|------------------|
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |
| Ambient temperature (assembly) | -5 °C ... 100 °C |

Packaging specifications

| | |
|----------------------|---------------------|
| Type of packaging | packed in cardboard |
| Outer packaging type | Carton |

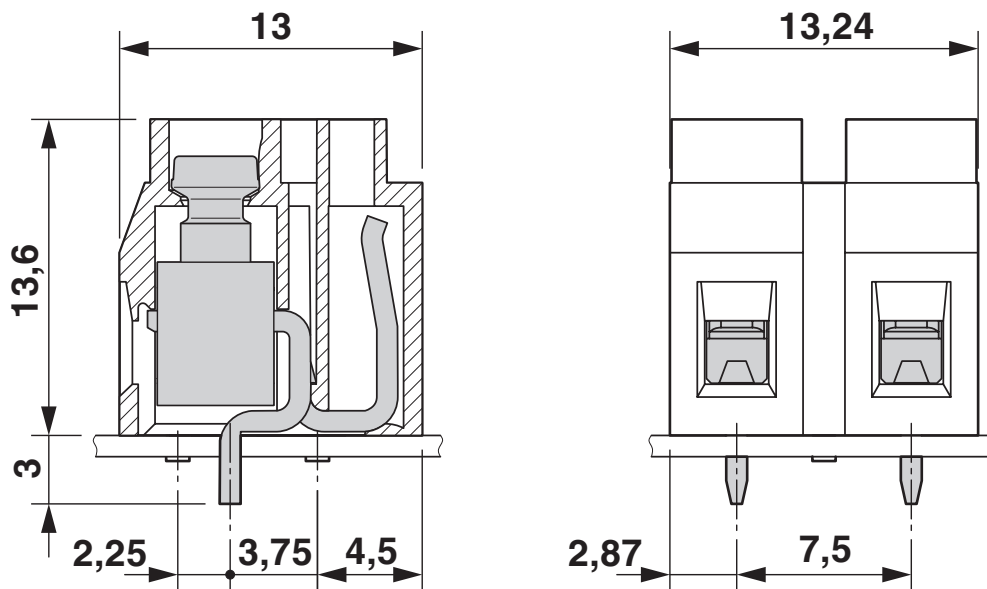
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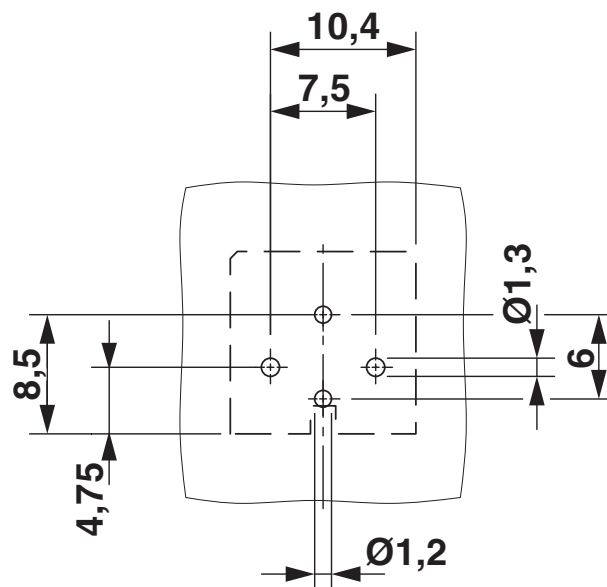
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Drawings

Dimensional drawing



Drilling plan/solder pad geometry



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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27460101 |
|-------------|----------|

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002643 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121400 |
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Environmental product compliance

EU RoHS

| | |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

China RoHS

| | |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

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