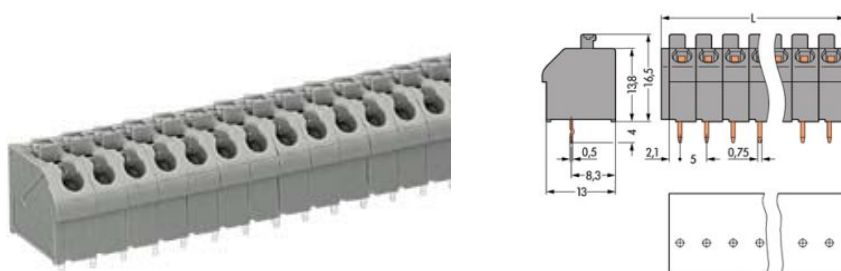


Item no.: 250-508  
 Product description: 1-conductor PCB terminal strip 1 solder pin/pole, in line 8-pole  
 Pin spacing 5 mm / 0.197 in with push-button with test port for test plug up to 2 mm Ø



Produkt kann von Bild abweichen / product may differ

Packing unit 100 4\*25 pieces

RoHS compliant

|                           |                     |
|---------------------------|---------------------|
| Product group             | 4 (Printed Circuit) |
| Weight                    | 7.79 g              |
| Color                     | grey                |
| No. of connection Points  | 8                   |
| No. of potentials         | 8                   |
| pole count                | 8                   |
| Height                    | 16.5 mm             |
| Height                    | 0.65 in             |
| Width                     | 41.5 mm             |
| Width                     | 1.634 in            |
| Depth                     | 13 mm               |
| Depth                     | 0.512 in            |
| Pin spacing from          | 5 mm                |
| Pin spacing from          | 0.197 in            |
| Rating based on           | IEC/EN 60664-1      |
| Overvoltage category EN I | III                 |
| Pollution degree          | 2                   |
| Measured voltage EN       | 320 V               |

|                            |        |
|----------------------------|--------|
| Measured shock voltage     | 4 kV   |
| Current intensity EN       | 17.5 A |
| Overvoltage category EN II | II     |
| Pollution degree           | 2      |



|  |  |
|--|--|
| Measured voltage EN                        | 630 V  |
| Measured shock voltage                     | 4 kV   |
| Current intensity EN                       | 17.5 A   |
| Overvoltage category EN III                | III  |
| Degree of pollution                        | 3  |
| Rated voltage EN                           | 320 V  |
| Rated surge voltage                        | 4 kV   |
| Nominal current                            | 17.5 A   |
| Cross section [mm <sup>2</sup> ]           | 0.5 - 1.5 mm <sup>2</sup>                            |
| Wiring method                              | solid  |
| Cross section [mm <sup>2</sup> ]           | 0.75 - 1.5 mm <sup>2</sup>                           |
| Wiring method                              | fine-stranded  |
| Cross section [mm <sup>2</sup> ]           | 0.5 - 1 mm <sup>2</sup>                              |
| Wiring method                              | fine-stranded (with ferrule and plastic collar)      |
| Cross section [mm <sup>2</sup> ]           | 0.5 - 1 mm <sup>2</sup>                              |
| Wiring method                              | fine-stranded (with ferrule, without plastic collar) |
| Cross section [AWG]                        | 20 - 14 AWG  |
| Strip length from                          | 9 mm   |
| Strip length to                            | 10 mm  |
| Strip length from [inch]                   | 0.35 in  |
| Strip length up to [inch]                  | 0.39 in  |
| Conductor entry angle to the PCB (degrees) | 45 °   |



|   |                                     |
|---|-------------------------------------|
| Solder pin length [mm]                  | 4 mm                                |
| Solder pin width A [mm]                 | 0.5 mm                              |
| Solder pin width B [mm]                 | 0.75 mm                             |
| Diameter of drilled hole [mm]           | 1.2 mm                              |
| Tolerance of drilled hole diameter [mm] | 0.1 mm                              |
| Material group                          | I                                   |
| Insulating material                     | PA 6.6                              |
| Temperature stability                   | -60 °C to +105 °C                   |
| Flammability category, based on UL 94   | V0                                  |
| Clamping spring material                | Nickel-chromium spring steel (CrNi) |
| Contact material                        | Electrolytic copper (Ecu)           |
| Contact plating                         | tin-plated                          |
| xxx-xxx/000-002                         | yellow                              |
| xxx-xxx/000-005                         | red                                 |
| xxx-xxx/000-006                         | blue                                |
| xxx-xxx/000-009                         | light gray                          |
| xxx-xxx/000-012                         | orange                              |
| xxx-xxx/000-014                         | brown                               |
| xxx-xxx/000-017                         | light green                         |
| xxx-xxx/000-050                         | white                               |



| Item number | Admission office | Approval no. | Voltage [V] | Current [A] | Cross section [ mm <sup>2</sup> ] |
|-------------|------------------|--------------|-------------|-------------|-----------------------------------|
| 250-508     | UR               | E45172       | 300         | 2           | 20-16                             |

Sorting criteria: admission office - approval number

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Specifications are subject to changes and errors may be expected