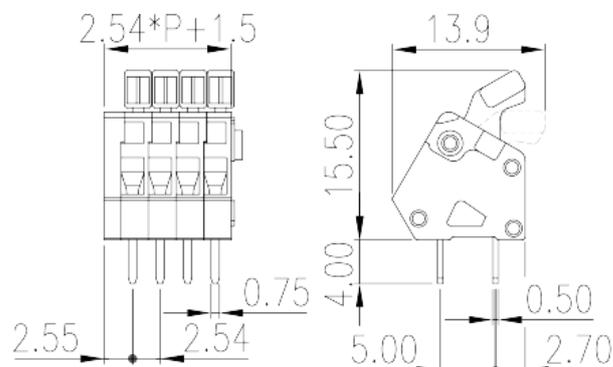


# WKA254A-XXP

PCB Terminal Blocks > PCB Terminal Blocks

Date:2026-05-09Version:V1



The web catalog is for reference only. Dinkle remains the right of product modification and engineering change of the design. The final product is made according to engineering drawing.

## Product Description

Pitch : 2.54mm, 150V, 4A

## General information

|  |  |
|--|--|
| Short description                      | PCB Terminal Blocks, Spring Clamp Connection |
| Category                               | PCB Terminal Blocks                          |
| Pitch (mm)                             | 2.54   |
| Color                                  | Grey (default)                               |
| Connection method                      | Spring Clamp Connection                      |
| Type of locking                        | Without                                      |
| Length (mm)                            | $2.54*(P-1)+5.04$                            |
| Width (mm)                             | 12.1   |
| Height (mm)                            | 15.5   |
| Pin demensions (Thickness x Width)(mm) | 0.5x0.75                                     |
| PCB hole diameter (mm)                 | 1.1  |
| Number of positions                    | 02P~24P                                      |
| Level                                  | Single level                                 |

## Material information

|                     |    |
|---------------------|----|
| Insulation material | PA |
|---------------------|----|

|  |                   |
|--|-------------------|
| Insulation material group                    | I                 |
| Flame retardant rating , compliant with UL94 | V0                |
| Insulation resistance                        | □500MΩ at DC 500V |
| Conductor material                           | COPPER ALLOY      |
| Plating of conductor surface                 | Tin PLATED        |

## Connection data-IEC

|  |         |
|--|---------|
| Rated voltage (V)  | 160     |
| Rated current (A)  | 6       |
| Rated voltage (II/2)(V)                                  | 320     |
| Rated voltage (III/2) (V)                                | 160     |
| Rated voltage (III/3)(V)                                 | 80      |
| Rated impulse voltage (II/2)(KV)                         | 2.5     |
| Rated impulse voltage (III/2)(KV)                        | 2.5     |
| Rated impulse voltage (III/3)(KV)                        | 2.5     |
| Conductor cross section solid. min (mm <sup>2</sup> )    | 0.5     |
| Conductor cross section solid.max (mm <sup>2</sup> )     | 0.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> ) | 0.5     |
| Conductor cross section stranded. max (mm <sup>2</sup> ) | 0.5     |
| Slotted screwdriver size (Blade thickness x Width)(mm)   | 0.4x2.5 |
| Stripping Length (mm)                                    | 5~6     |

## Connection data-UL

|  |     |
|--|-----|
| Rated voltage (UL/CUL Group B)(V)                | 150 |
| Rated current (UL/CUL Group B)(A)                | 4   |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 4   |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 28  |
| Max. solid wire connection AWG acc. to UL/CUL    | 20  |
| Min. stranded wire connection AWG acc. to UL/CUL | 28  |
| Max. stranded wire connection AWG acc. to UL/CUL | 20  |

## Environment & Safety

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | YES |
| Operating temperature. max (°C) | 120 |

|                                 |     |
|---------------------------------|-----|
| Operating temperature. min (°C) | -40 |
|---------------------------------|-----|

## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~20 |
| Rated voltage (Group B)(V) | 150   |
| Rated current (Group B)(A) | 4     |
| Wire Range (Group D)(AWG)  | 28~20 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 4     |

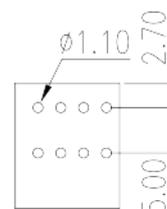
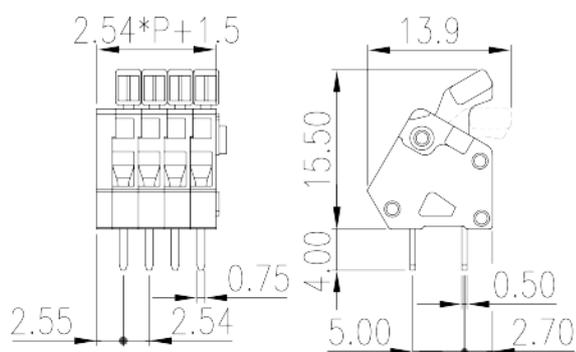
## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~20 |
| Rated voltage (Group B)(V) | 150   |
| Rated current (Group B)(A) | 4     |
| Wire Range (Group D)(AWG)  | 28~20 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 4     |

## VDE Approval

|                               |     |
|-------------------------------|-----|
| Wire Range (mm <sup>2</sup> ) | 0.5 |
| Rated voltage (V)             | 130 |
| Rated current (A)             | 6   |

## Drawings



## Approvals

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