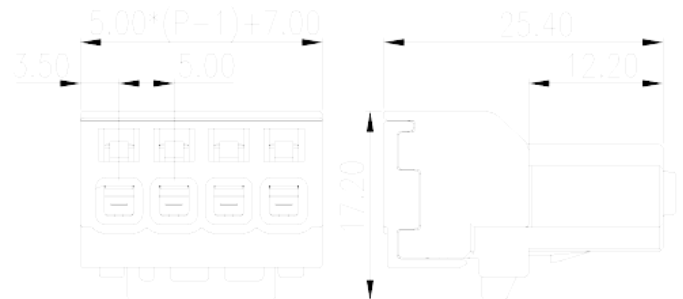
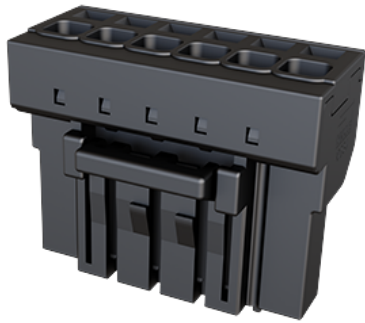


# 0234-20XX

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2025-08-28



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 : 5.00mm, 300V, 15.5A

## General information

|                     |  |
|---------------------|--|
| Short description   | PCB Connector, Spring Clamp Connection |
| Category            | PCB Connector – Plug                   |
| Pitch (mm)          | 5.00                                   |
| Connection method   | Spring Clamp Connection                |
| Type of locking     | With lock flange                       |
| Length (mm)         | $5.00*(P-1)+7$                         |
| Width (mm)          | 17.2                                   |
| Height (mm)         | 25.4                                   |
| Number of positions | 02P~14P                                |
| Level               | Single level                           |

## Material information

|  |                               |
|--|-------------------------------|
| Insulation material                          | PBT                           |
| Insulation material group                    | Ⅲa                            |
| Flame retardant rating , compliant with UL94 | V0                            |
| Insulation resistance                        | $\geq 1000M\Omega$ at DC 500V |

|                              |              |
|------------------------------|--------------|
| Conductor material           | COPPER ALLOY |
| Plating of conductor surface | Au PLATED    |

## Connection data-IEC

|   |         |
|---|---------|
| Rated voltage (V)   | 320     |
| Rated current (A)   | 18      |
| Rated voltage (II/2)(V)   | 320     |
| Rated voltage (III/2) (V)   | 320     |
| Rated voltage (III/3)(V)  | 200     |
| Rated impulse voltage (II/2)(KV)  | 4       |
| Rated impulse voltage (III/2)(KV)   | 4       |
| Rated impulse voltage (III/3)(KV)   | 4       |
| Conductor cross section solid. min (mm <sup>2</sup> )   | 0.2     |
| Conductor cross section solid.max (mm <sup>2</sup> )  | 2.5     |
| Conductor cross section stranded. min (mm <sup>2</sup> )  | 0.2     |
| Conductor cross section stranded. max (mm <sup>2</sup> )  | 2.5     |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )            | 0.25    |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )            | 1.5     |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )               | 0.25    |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )               | 1.5     |
| 2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 0.5     |
| 2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> ) | 1.5     |
| Philips screwdriver size  | 0.4x2.5 |
| Stripping Length (mm)   | 9~10    |

## Connection data-UL

|   |      |
|---|------|
| Rated voltage (UL/CUL Group B)(V)               | 300  |
| Rated current (UL/CUL Group B)(A)               | 15.5 |
| Rated voltage (UL/CUL Group D)(V)               | 300  |
| Rated current (UL/CUL Group D)(A)               | 15.5 |
| Min. solid wire connection (AWG) acc. to UL/CUL | 28   |
| Max. solid wire connection AWG acc. to UL/CUL   | 12   |

|  |    |
|--|----|
| Min. stranded wire connection AWG acc. to UL/CUL | 28 |
| Max. stranded wire connection AWG acc. to UL/CUL | 12 |

## Environment & Safety

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | YES |
| Operating temperature. max (°C) | 120 |
| Operating temperature. min (°C) | -40 |

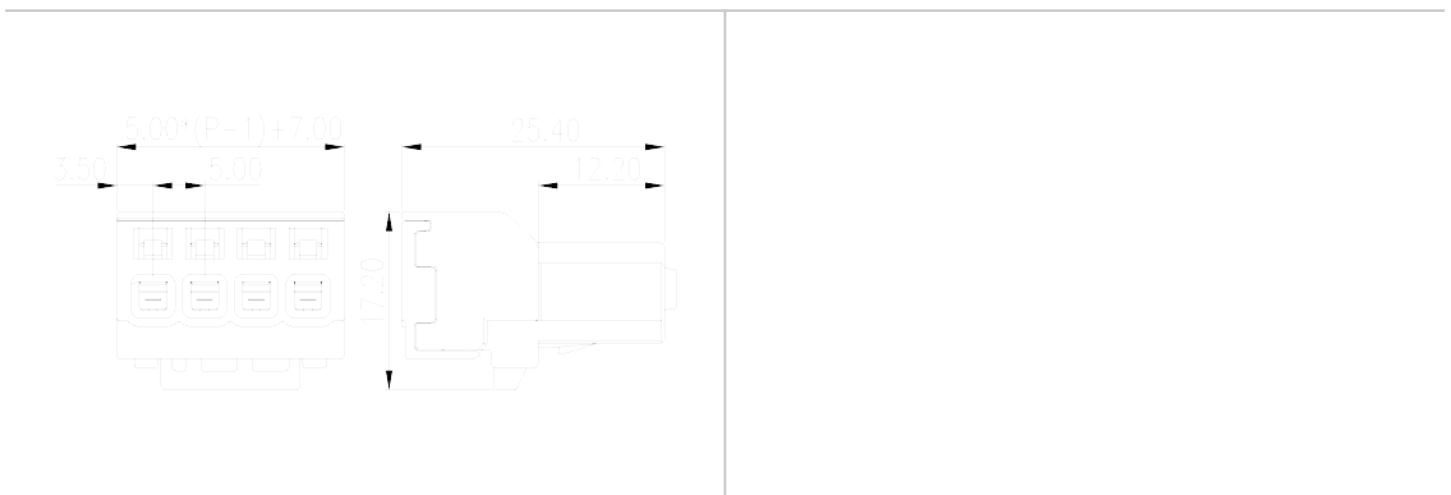
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 15.5  |
| Wire Range (Group D)(AWG)  | 28~12 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 15.5  |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 15.5  |
| Wire Range (Group D)(AWG)  | 28~12 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 15.5  |

## Drawings



## Approvals

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