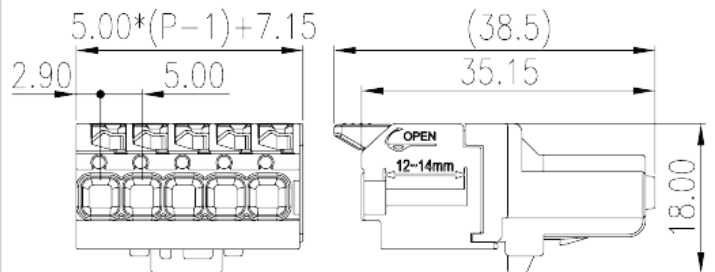


# 0254-20XX

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2025-08-19



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-Plug, Push-in Design |
| Category            | PCB Connector – Plug               |
| Pitch (mm)          | 5                                  |
| Color               | Black (default)                    |
| Connection method   | Push-in Design                     |
| Type of locking     | With lock flange                   |
| Length (mm)         | $5.00 \times (P-1) + 7.15$         |
| Width (mm)          | 18                                 |
| Height (mm)         | 38.5                               |
| Number of positions | 02P~14P                            |
| Level               | Single level                       |
| Connection points   | 02~14                              |

## Material information

|                           |      |
|---------------------------|------|
| Insulation material       | PA   |
| Insulation material group | IIIa |

|  |                    |
|--|--------------------|
| Flame retardant rating , compliant with UL94 | V0                 |
| Insulation resistance                        | □1000MΩ 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> ) | 0.5   |
| 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> )    | 0.5   |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )    | 1.5   |
| Stripping Length (mm)  | 12~14 |

## 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)                | 10   |
| 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 |

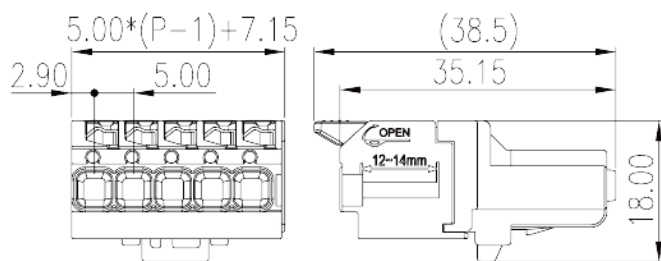
## UL Recognized

|                            |       |
|----------------------------|-------|
| 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) | 10    |

## 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) | 10    |

## Drawings



## Approvals

