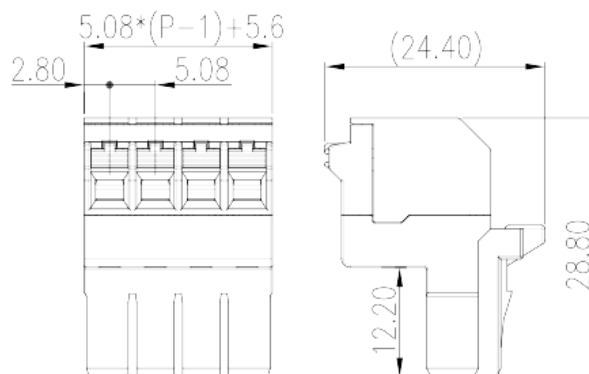
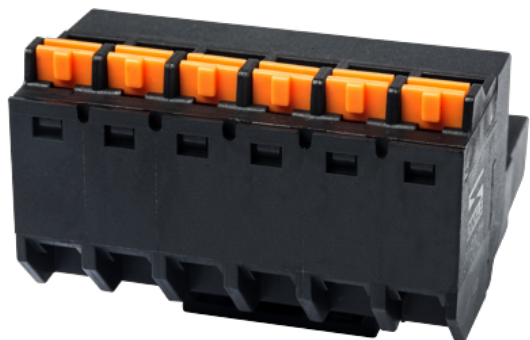


# 0150-21XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2026-07-04



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 : 5.08 mm, 300V, 16A

## General information

|                     |                                    |
|---------------------|------------------------------------|
| Short description   | PCB Connector-Plug, Push-in Design |
| Category            | PCB Connector-Plug                 |
| Pitch (mm)          | 5.08                               |
| Color               | Black (default)                    |
| Connection method   | Push in Design                     |
| Type of locking     | With lock flange                   |
| Length (mm)         | $5.08*(P-1)+5.6$                   |
| Width (mm)          | 24.4                               |
| Height (mm)         | 28.8                               |
| Number of positions | 02P~24P                            |
| Level               | Single level                       |

## Material information

|  |     |
|--|-----|
| Insulation material                          | PBT |
| 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 | Tin PLATED         |

## Connection data-IEC

|  |       |
|--|-------|
| Rated voltage (V)  | 630   |
| Rated current (A)  | 20    |
| Rated voltage (II/2)(V)  | 630   |
| Rated voltage (III/2) (V)  | 320   |
| Rated voltage (III/3)(V)   | 250   |
| 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   |
| Stripping Length (mm)  | 11~12 |

## Connection data-UL

|  |     |
|--|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 16  |
| 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  | 24  |
| Max. solid wire connection AWG acc. to UL/CUL    | 12  |
| Min. stranded wire connection AWG acc. to UL/CUL | 24  |
| 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 |

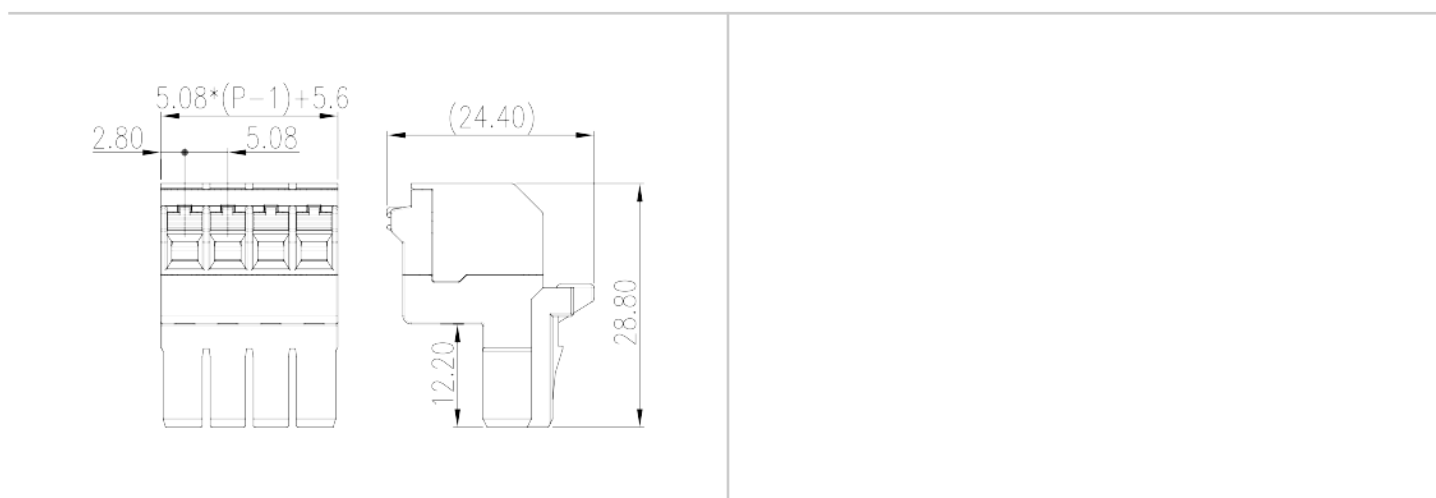
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 16    |
| Wire Range (Group D)(AWG)  | 24~12 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 10    |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~12 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 16    |
| Wire Ranget (Group D)(AWG) | 24~12 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 10    |

## Drawings



## Approvals

