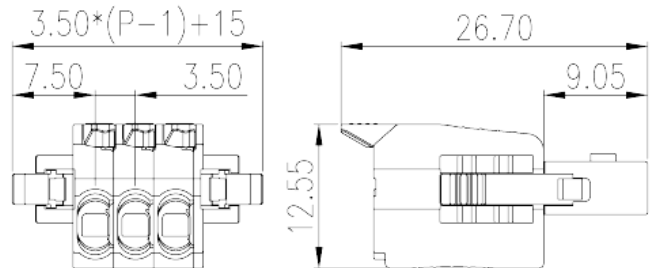
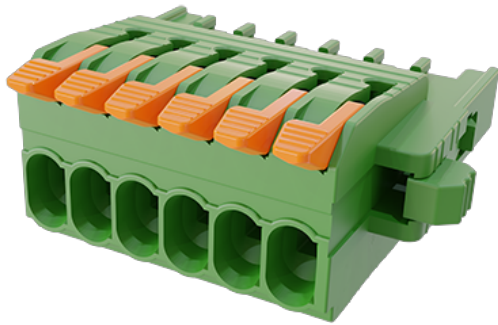


# 0256-13XX

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2026-03-23



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: 3.50mm, 300V, 8A

## General information

|                     |                               |
|---------------------|-------------------------------|
| Short description   | PCB Connector, Push-in Design |
| Category            | PCB Connector – Plug          |
| Pitch (mm)          | 3.50                          |
| Connection method   | Push-in Design                |
| Type of locking     | With lock flange              |
| Length (mm)         | $3.50 \times (P-1) + 15$      |
| Width (mm)          | 26.7                          |
| Height (mm)         | 12.55                         |
| 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                        | $\geq 500M\Omega$ at DC 500V |

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

## Connection data-IEC

|                                                                                                         |      |
|---------------------------------------------------------------------------------------------------------|------|
| Rated voltage (V)                                                                                       | 320  |
| Rated current (A)                                                                                       | 10   |
| Rated voltage (II/2)(V)                                                                                 | 320  |
| Rated voltage (III/2) (V)                                                                               | 160  |
| Rated voltage (III/3)(V)                                                                                | 160  |
| 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> )                                                   | 0.14 |
| Conductor cross section solid.max (mm <sup>2</sup> )                                                    | 1.5  |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                                | 0.14 |
| Conductor cross section stranded. max (mm <sup>2</sup> )                                                | 1.5  |
| 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> )               | 0.75 |
| 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> ) | 0.5  |
| Stripping Length (mm)                                                                                   | 9~10 |

## Connection data-UL

|                                                  |     |
|--------------------------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V)                | 300 |
| Rated current (UL/CUL Group B)(A)                | 8   |
| Rated voltage (UL/CUL Group D)(V)                | 300 |
| Rated current (UL/CUL Group D)(A)                | 8   |
| Min. solid wire connection (AWG) acc. to UL/CUL  | 28  |
| Max. solid wire connection AWG acc. to UL/CUL    | 16  |
| Min. stranded wire connection AWG acc. to UL/CUL | 28  |

Max. stranded wire connection AWG acc. to UL/CUL

16

## Environment & Safety

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

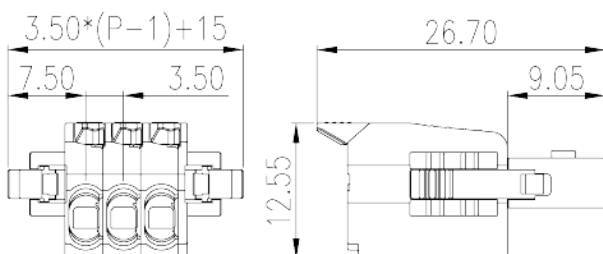
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 28~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Range (Group D)(AWG)  | 28~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## Drawings



## Approvals

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