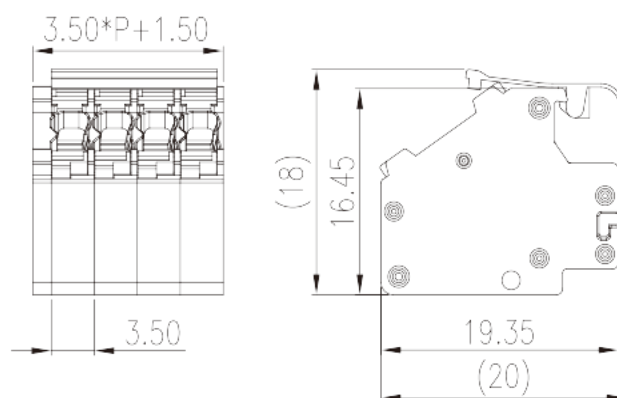


# 0191-06XXC

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-08-27



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 – Plug, Push-in Design |
| Category            | PCB Connector – Plug                 |
| Pitch (mm)          | 3.50                                 |
| Color               | Black (default)                      |
| Connection method   | Push in Design                       |
| Type of locking     | Without                              |
| Length (mm)         | 3.50*P+1.5                           |
| Width (mm)          | 20.0                                 |
| Height (mm)         | 18.0                                 |
| Number of positions | 02P~20P                              |
| 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)                                                                            | 320  |
| Rated current (A)                                                                            | 9    |
| Rated voltage (II/2)(V)                                                                      | 400  |
| Rated voltage (III/2) (V)                                                                    | 320  |
| Rated voltage (III/3)(V)                                                                     | 320  |
| 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> )                                         | 1.5  |
| Conductor cross section stranded. min (mm <sup>2</sup> )                                     | 0.2  |
| 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    |
| 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 |
| Stripping Length (mm)                                                                        | 8    |

## 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  | 24  |
| Max. solid wire connection AWG acc. to UL/CUL    | 16  |
| Min. stranded wire connection AWG acc. to UL/CUL | 24  |
| Max. stranded wire connection AWG acc. to UL/CUL | 16  |

## Environment & Safety

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

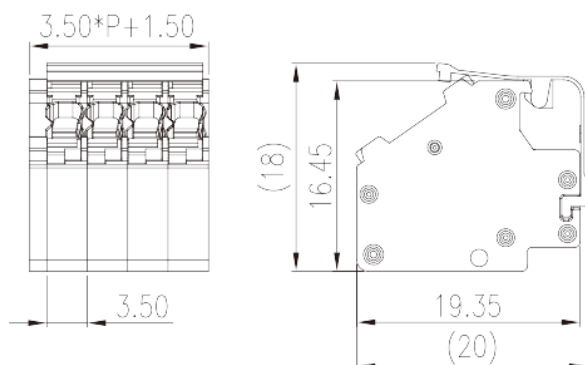
## UL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Range (Group D)(AWG)  | 24~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## CUL Recognized

|                            |       |
|----------------------------|-------|
| Wire Range (Group B)(AWG)  | 24~16 |
| Rated voltage (Group B)(V) | 300   |
| Rated current (Group B)(A) | 8     |
| Wire Ranget (Group D)(AWG) | 24~16 |
| Rated voltage (Group D)(V) | 300   |
| Rated current (Group D)(A) | 8     |

## Drawings



## Approvals

