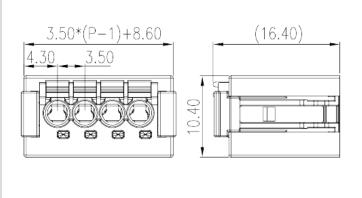


# 0184-14XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-05





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: 3.50 mm, 150V, 6A

#### 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     | PCB Connection                     |
| Length (mm)         | 3.50*(P-1)+8.6                     |
| Width (mm)          | 10.4                               |
| Height (mm)         | 16.4                               |
| Number of positions | 02P~24P                            |
| Level               | Single level                       |
|                     | !                                  |

#### Material information

| Insulation material                          | PA |
|--|----|
| Insulation material group                    | I  |
| Flame retardant rating , compliant with UL94 | V0 |

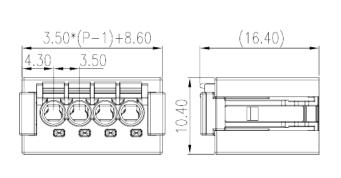


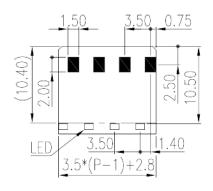
| Insulation resistance   | □500MΩ at DC 500V |
|---|-------------------|
| Conductor material  | COPPER ALLOY      |
| Plating of conductor surface  | Tin PLATED        |
| Connection data-IEC   |                   |
| Rated voltage (V)   | 320               |
| Rated current (A)   | 7                 |
| Rated voltage (II/2)(V)   | 320               |
| Rated voltage (III/2) (V)   | 125               |
| Rated voltage (III/3)(V)  | 125               |
| 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 (mm²)  | 0.2               |
| Conductor cross section solid.max (mm²)   | 1.5               |
| Conductor cross section stranded. min (mm²)                                     | 0.2               |
| Conductor cross section stranded. max (mm²)                                     | 1.5               |
| Conductor cross section flexible, with min ferrule without plastic sleeve (mm²) | 0.25              |
| Conductor cross section flexible, with max ferrule without plastic sleeve (mm²) | 1                 |
| Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)    | 0.25              |
| Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)    | 0.75              |
| Stripping Length (mm)   | 8~9               |
| Connection data-UL  |                   |
| Rated voltage (UL/CUL Group B)(V)   | 150               |
| Rated current (UL/CUL Group B)(A)   | 6                 |
| 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  |                   |
| Finger protection (YES or NO)   | YES               |



| Operating temperature. max (°C) | 120 |
|---------------------------------|-----|
| Operating temperature. min (°C) | -40 |

### Drawings





## Approvals



