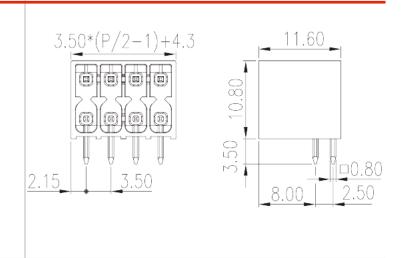


# 0159-31XX

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-11-05Version:V1





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, 8A

#### General information

| Short description                      | PCB Connector–Socket, Wave soldering |
|--|--------------------------------------|
| Category                               | PCB Connector–Socket                 |
| Pitch (mm)                             | 3.50                                 |
| Color                                  | Black (default)                      |
| Type of locking                        | Without                              |
| Soldering method                       | Wave soldering                       |
| Length (mm)                            | 3.50*(P/2-1)+4.3                     |
| Width (mm)                             | 11.6                                 |
| Height (mm)                            | 10.8                                 |
| Pin demensions (Thickness x Width)(mm) | 0.8x0.8                              |
| PCB hole diameter (mm)                 | 1.4                                  |
| Number of positions                    | 04P~40P                              |
| Level                                  | Double level                         |

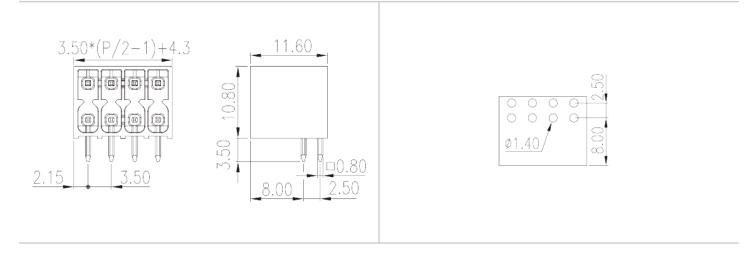
#### Material information

| 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)  | 250                 |
| Rated current (A)  | 8                   |
| Rated voltage (II/2)(V)  | 250                 |
| 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                 |
| Rated current (UL/CUL Group B)(A)  Environment & Safety  | 8                   |
| Finger protection (YES or NO)  | YES                 |
| Operating temperature. max (°C)  | 120                 |
| Operating temperature. min (°C)  | -40                 |
| JL Recognized  |                     |
|  |                     |
| Rated voltage (Group B)(V)   | 150                 |
| Rated voltage (Group B)(V) Rated current (Group B)(A)  | 150<br>8            |
|  |                     |
| Rated current (Group B)(A)   | 8                   |
| Rated current (Group B)(A) Rated voltage (Group C)(V)  | 8<br>50             |
| Rated current (Group B)(A)  Rated voltage (Group C)(V)  Rated current (Group C)(A)                             | 8<br>50<br>8        |
| Rated current (Group B)(A)  Rated voltage (Group C)(V)  Rated current (Group C)(A)  Rated voltage (Group D)(V) | 8<br>50<br>8<br>300 |

| Rated current (Group B)(A) | 8   |
|----------------------------|-----|
| Rated voltage (Group C)(V) | 50  |
| Rated current (Group C)(A) | 8   |
| Rated voltage (Group D)(V) | 300 |
| Rated current (Group D)(A) | 8   |

## Drawings



## **Approvals**







