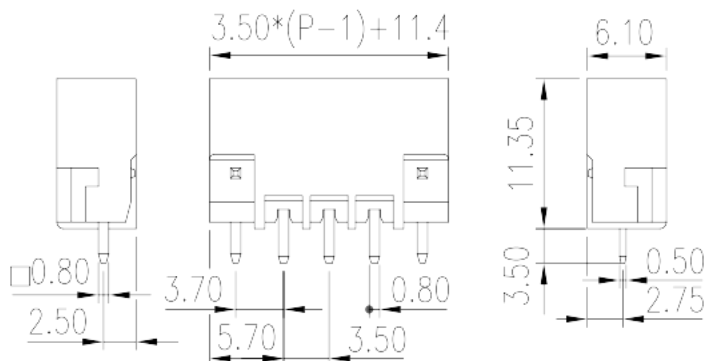
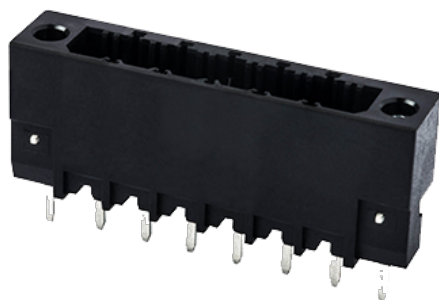


# 0225-17XX

PCB Terminal Blocks > PCB Connector-Socket

Date:2024-12-07Version:1.2



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, 300V, 8A

## General information

|  |                                      |
|--|--------------------------------------|
| Short description                      | PCB Connector–Socket, Wave soldering |
| Category                               | PCB Connector–Socket                 |
| Pitch (mm)                             | 3.50                                 |
| Color                                  | Black (default)                      |
| Type of locking                        | With threaded flange                 |
| Soldering method                       | Wave soldering                       |
| Length (mm)                            | $3.50*(P-1)+11.4$                    |
| Width (mm)                             | 6.1                                  |
| Height (mm)                            | 11.35                                |
| Pin demensions (Thickness x Width)(mm) | 0.5x0.8                              |
| PCB hole diameter (mm)                 | 1.2                                  |
| 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)                        | 630 |
| Rated current (A)                        | 15  |
| 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   |
| Tightening torque with flange. max (N.m) | 0.1 |

### Connection data-UL

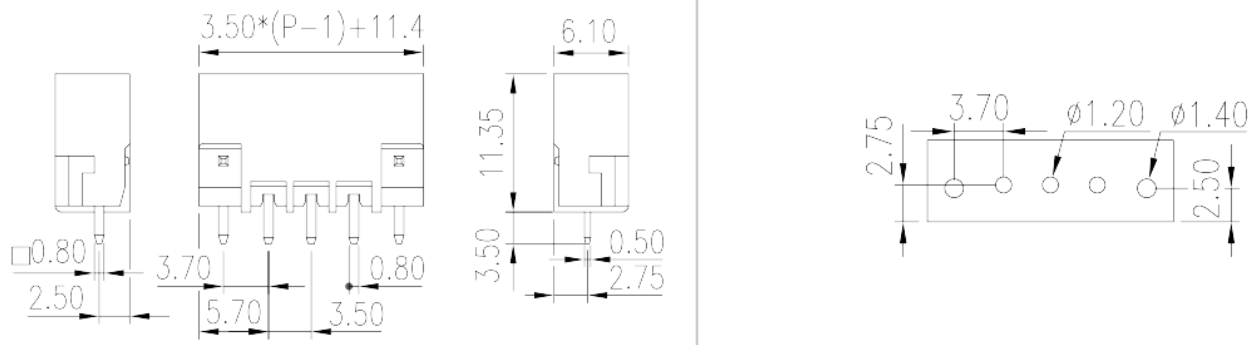
|                                   |     |
|-----------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V) | 300 |
| Rated current (UL/CUL Group B)(A) | 8   |
| Rated voltage (UL/CUL Group D)(V) | 300 |
| Rated current (UL/CUL Group D)(A) | 8   |

### Environment & Safety

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

### Drawings

|  |  |
|--|--|
|  |  |
|--|--|



## Approvals

