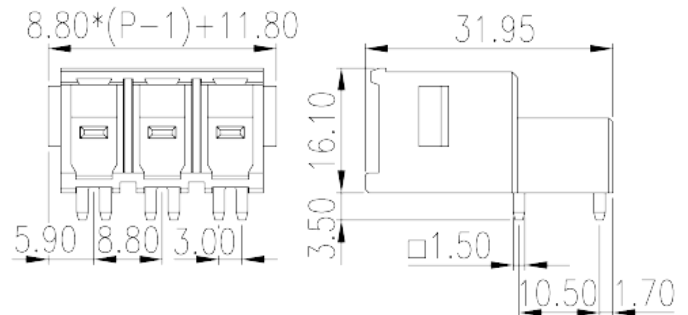
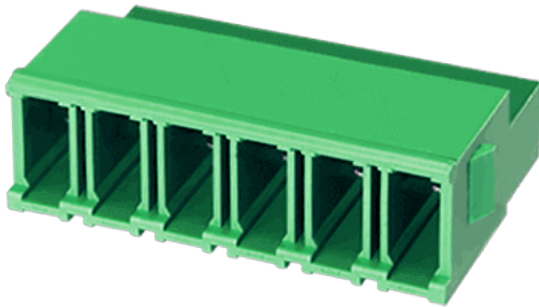


# ECH880RT-XXP

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2026-07-05Version: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: 8.80 mm , 600V, 65A

## General information

|  |                                      |
|--|--------------------------------------|
| Short description                      | PCB connector Socket, Wave soldering |
| Category                               | PCB connector Socket                 |
| Pitch (mm)                             | 8.80                                 |
| Color                                  | Green(default)                       |
| Type of locking                        | With lock flange                     |
| Soldering method                       | Wave soldering                       |
| Length (mm)                            | 8.80x(P-1)+8.50                      |
| Width (mm)                             | 31.95                                |
| Height (mm)                            | 15.6                                 |
| Pin demensions (Thickness x Width)(mm) | 1.5x1.5                              |
| PCB hole diameter (mm)                 | 2.5~2.6                              |
| Number of positions                    | 02P~12P                              |
| 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)                 | 1000 |
| Rated current (A)                 | 57   |
| Rated voltage (II/2)(V)           | 1000 |
| Rated voltage (III/2) (V)         | 1000 |
| Rated voltage (III/3)(V)          | 1000 |
| Rated impulse voltage (II/2)(KV)  | 8    |
| Rated impulse voltage (III/2)(KV) | 8    |
| Rated impulse voltage (III/3)(KV) | 8    |

### Connection data-UL

|                                   |     |
|-----------------------------------|-----|
| Rated voltage (UL/CUL Group B)(V) | 600 |
| Rated current (UL/CUL Group B)(A) | 65  |
| Rated voltage (UL/CUL Group C)(V) | 600 |
| Rated current (UL/CUL Group C)(A) | 65  |

### Environment & Safety

|                                 |     |
|---------------------------------|-----|
| Finger protection (YES or NO)   | YES |
| Operating temperature. max (°C) | 115 |
| Operating temperature. min (°C) | -40 |

### UL Recognized

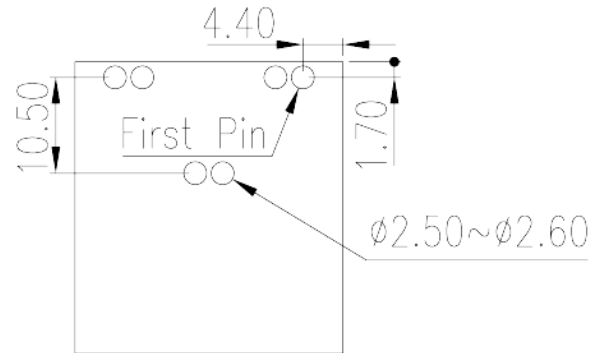
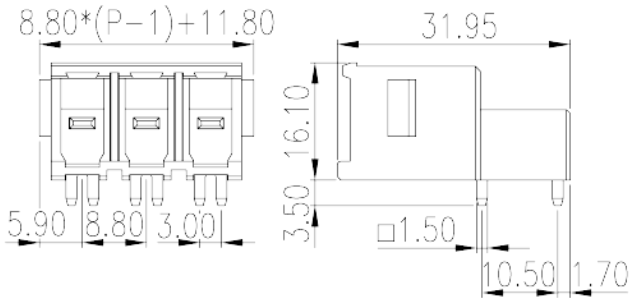
|                            |     |
|----------------------------|-----|
| Rated voltage (Group B)(V) | 600 |
| Rated current (Group B)(A) | 65  |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 65  |

### CUL Recognized

|                            |     |
|----------------------------|-----|
| Rated voltage (Group B)(V) | 600 |
|----------------------------|-----|

|                            |     |
|----------------------------|-----|
| Rated current (Group B)(A) | 65  |
| Rated voltage (Group C)(V) | 600 |
| Rated current (Group C)(A) | 65  |

## Drawings



## Approvals

