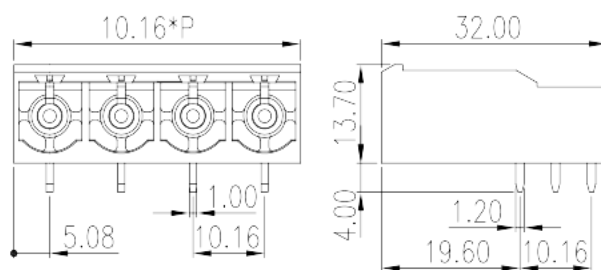
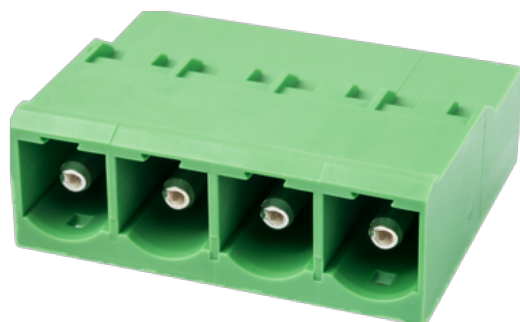


# ECH116R-XXP

PCB Terminal Blocks > 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 : 10.16mm, 300V, 51A

## General information

Short description	PCB Connector – Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	10.16
Color	Green (default)
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	10.16*(P-1)+10.16
Width (mm)	32
Height (mm)	13.7
Pin demensions (Thickness x Width)(mm)	1.0x1.2
PCB hole diameter (mm)	1.75~1.85
Number of positions	02P~10P
Level	Single level

## Material information

Insulation material	PA
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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	Ag PLATED

## Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	76
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	630
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)	300
Rated current (UL/CUL Group B)(A)	51
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	5

## Environment & Safety

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

## UL Recognized

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	5
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## CUL Recognized

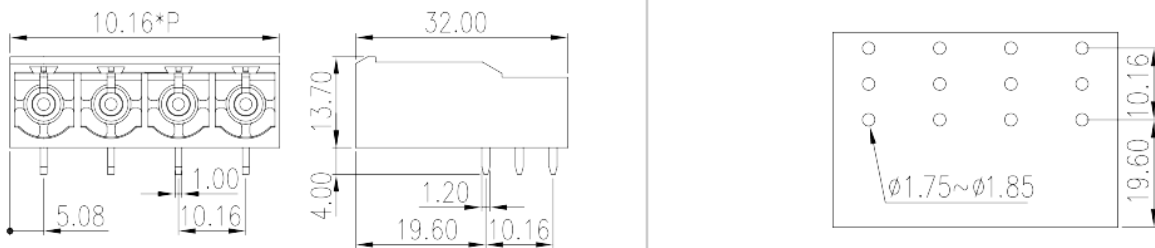
Rated voltage (Group B)(V)	300
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Rated current (Group B)(A)	5
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

### VDE Approval

Rated voltage (V)	1000
Rated current (A)	76

### Drawings



### Approvals

