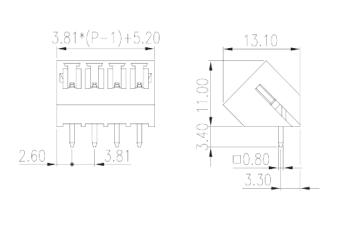


# ECH381A-XXP

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-11-03Version: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: 3.81 mm, 300V, 8A

#### General information

Short description	PCB Connector – Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	3.81
Color	Green (default)
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	3.81*(P-1)+5.2
Width (mm)	13.1
Height (mm)	11
Pin demensions (Thickness x Width)(mm)	0.8x0.8
PCB hole diameter (mm)	1.2~1.3
Number of positions	02P~24P
Level	Single level

### Material information

Insulation material	PA
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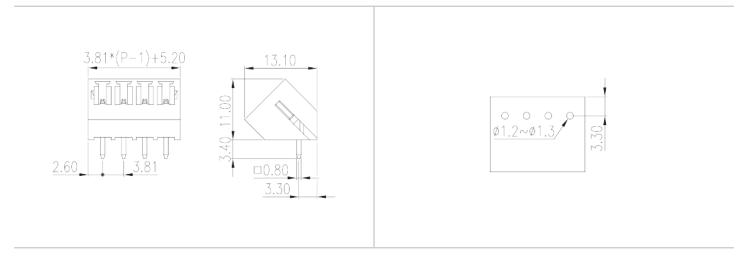
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	320
Rated current (A)	14
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (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 (LIL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	
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
JL Recognized	
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8
CIII Docognizad	
CUL Recognized	

Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

## **VDE** Approval

Rated voltage (V)	320
Rated current (A)	14

### Drawings



### Approvals







