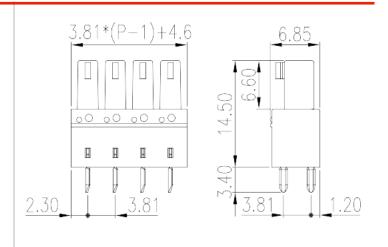


EC381CV-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-04Version: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

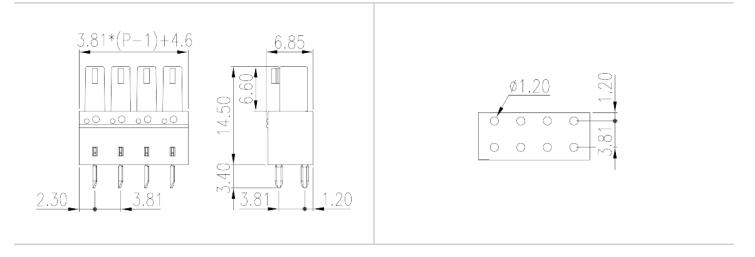
Short description	PCB Connector – Plug, Wave soldering
Category	PCB Connector – Plug
Pitch (mm)	3.81
Color	Green (default)
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	3.81*(P-1)+4.6
Width (mm)	6.85
Height (mm)	14.5
Pin demensions (Thickness x Width)(mm)	0.6x1.1
PCB hole diameter (mm)	1.2
Number of positions	02P~16P
Level	Single level

Material information

Insulation material	PA
---------------------	----

Insulation material group	I
Flame retardant rating , compliant with UL94	VO
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)	12
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	2.5
Rated impulse voltage (III/3)(KV)	2.5
Connection data-UL Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A)	300
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
CUL Recognized	
Rated voltage (Group B)(V)	300

Drawings



Approvals





