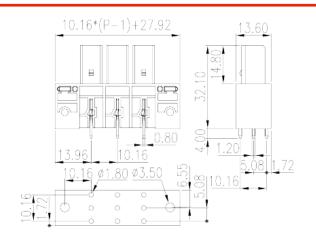


# EC116CVM-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-05





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

Chart description	DCD Connector Plug Ways caldering
Short description	PCB Connector-Plug,Wave soldering
Category	PCB Connector – Plug
Pitch (mm)	10.16
Color	Green (default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	10.16*(P-1)+27.92
Width (mm)	13.6
Height (mm)	32.1
Pin demensions (Thickness x Width)(mm)	0.8x1.2
PCB hole diameter (mm)	1.8
Number of positions	02P~10P
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	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
Tightening torque with flange. max (N.m)	0.5
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	51
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(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
JL Recognized	
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	51
Rated voltage (Group C)(V)	300

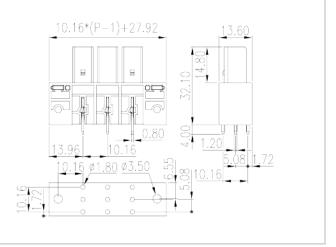


Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

### **CUL** Recognized

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	51
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	51
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## Drawings



## Approvals







