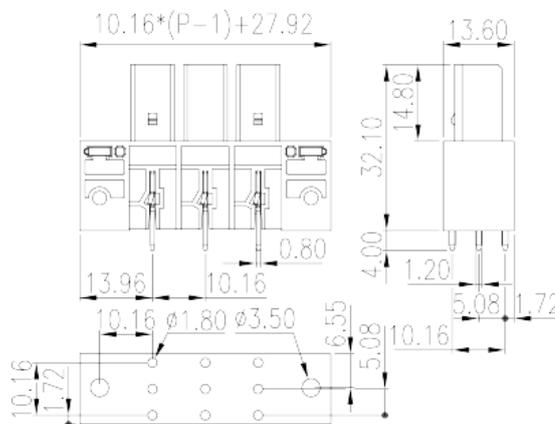


# EC116CVM-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2026-05-10



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-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)	$10.16 \times (P-1) + 27.92$
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
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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
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

### UL 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

