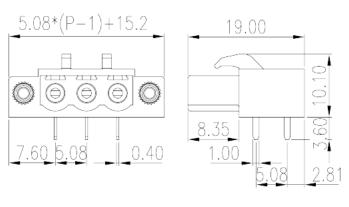


# 2ESDCRM-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-10-28Version: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: 5.08mm, 300V, 12A

#### General information

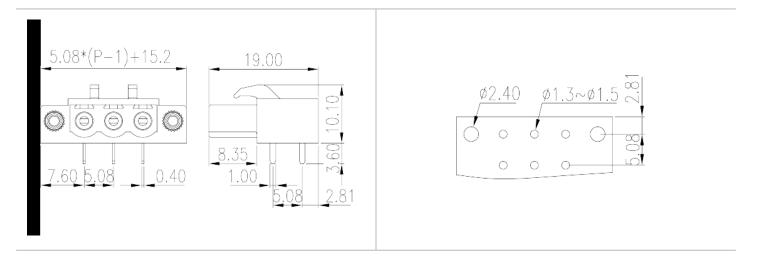
Short description	PCB Connector – Plug, Wave soldering
Category	PCB Connector – Plug
Pitch (mm)	5.08
Color	Green (default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	5.08*(P-1)+15.2
Width (mm)	19
Height (mm)	10.1
Pin demensions (Thickness x Width)(mm)	0.4x1.0
PCB hole diameter (mm)	1.3~1.5
Number of positions	02P~20P
Level	Single level

#### Material information

Insulation material	PA
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Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	$\Box 500 M\Omega$ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	630
Rated current (A)	18
Rated voltage (II/2)(V)	630
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	320
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Connection data-UL  Rated voltage (UL/CUL Group B)(V)	300
	300 12
Rated voltage (UL/CUL Group B)(V)	
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)	12 300
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)	12 300
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)  Environment & Safety	12 300 10
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO)	12 300 10 YES
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO)  Operating temperature. max (°C)	12 300 10 YES 120
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO)  Operating temperature. max (°C)  Operating temperature. min (°C)	12 300 10 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)  UL Recognized	12 300 10 YES 120 -40
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)  UL Recognized  Rated voltage (Group B)(V)	12 300 10 YES 120 -40
Rated voltage (UL/CUL Group B)(V)  Rated current (UL/CUL Group B)(A)  Rated voltage (UL/CUL Group D)(V)  Rated current (UL/CUL Group D)(A)  Environment & Safety  Finger protection (YES or NO)  Operating temperature. max (°C)  Operating temperature. min (°C)  UL Recognized  Rated voltage (Group B)(V)  Rated current (Group B)(A)	12 300 10 YES 120 -40

## Drawings



## Approvals



