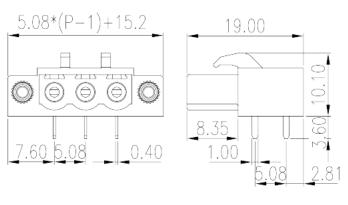


2ESDCRM-XXP

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: 5.08mm, 300V, 12A

General information

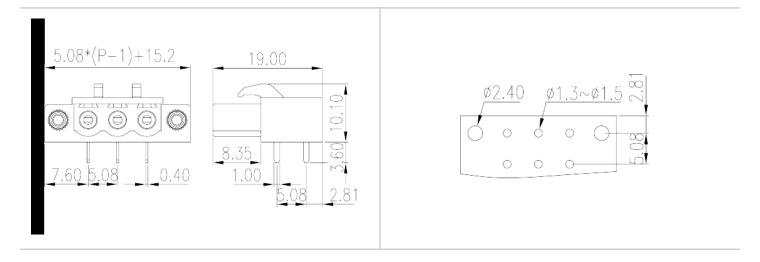
Short description	PCB Connector – Plug, Wave soldering
Category	PCB Connector – Plug
Pitch (mm)	5.08
Color	Green (default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	5.08*(P-1)+15.2
Width (mm)	19
Height (mm)	10.1
Pin demensions (Thickness x Width)(mm)	0.4x1.0
PCB 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





