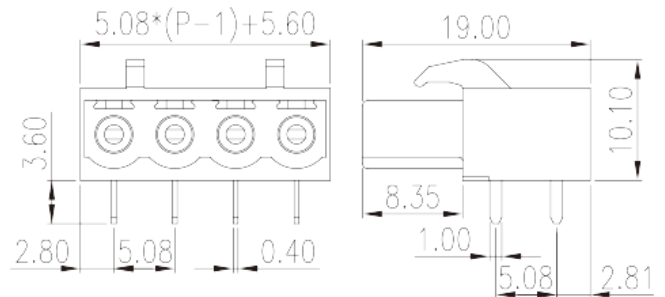
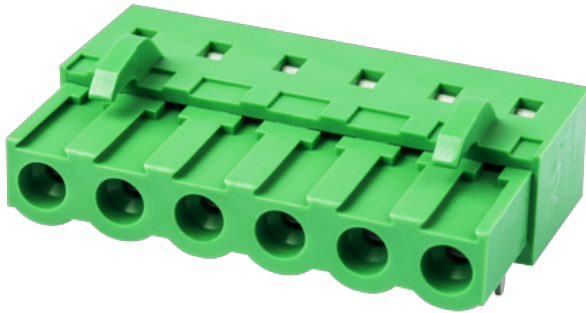


# 2ESDCR-XXP

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2025-08-03Version: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	Without
Soldering method	Wave soldering
Length (mm)	$5.08 \times (P-1) + 5.6$
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~24P
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	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
Rated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10

## Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

## UL Recognized

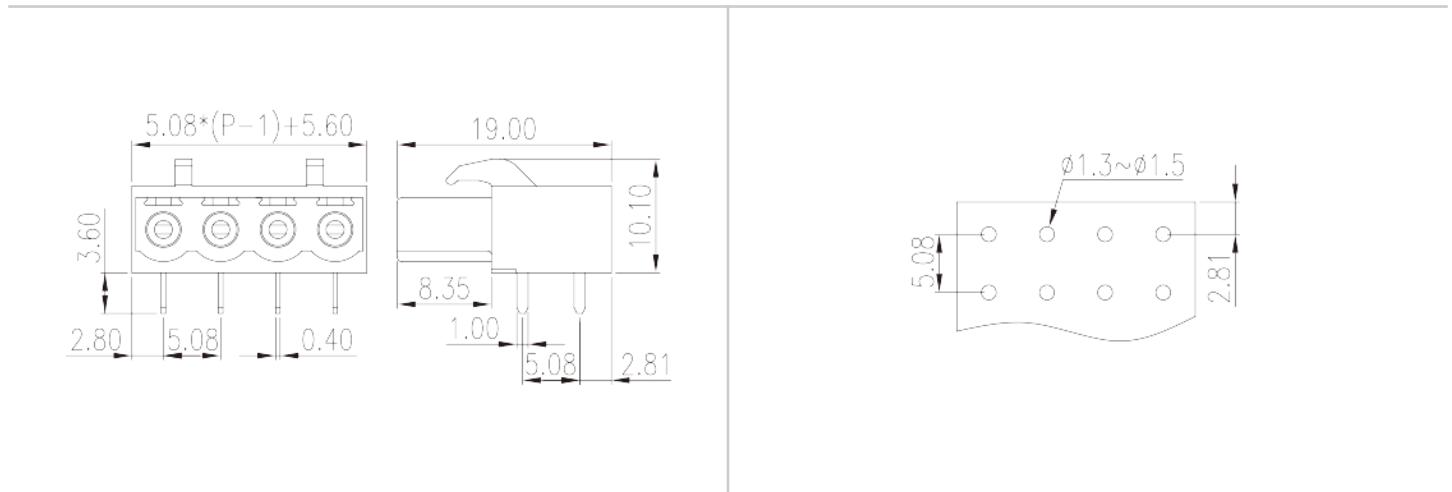
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## CUL Recognized

Rated voltage (Group B)(V)	300
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Rated current (Group B)(A)	12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## Drawings



## Approvals

