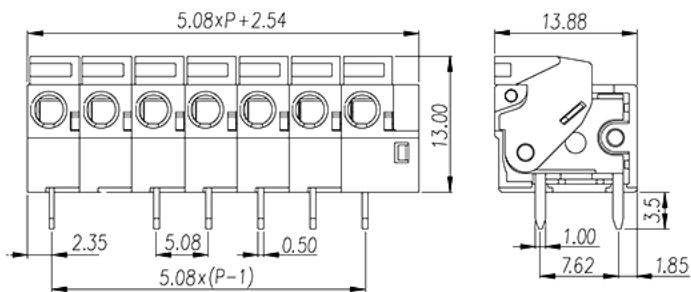
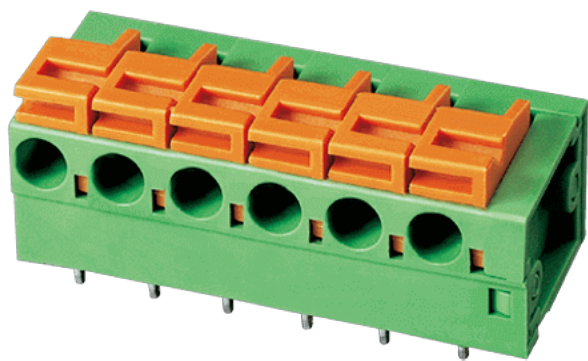


# 142R-XXP

PCB Terminal Blocks &gt; PCB Terminal Blocks

Date:2018-12-25Version: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 , 10A

## General information

Short description	PCB Terminal Blocks , Push in design
Category	PCB Terminal Blocks
Pitch (mm)	5.08
Color	Green(default)
Connection method	Push in design
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	$5.08 \times P + 2.54$
Width (mm)	13.00
Height (mm)	13.88
Pin dimensions (Thickness x Width)(mm)	0.5X1.0
PCB hole diameter (mm)	1.3
Number of positions	02~24
Level	Single level

## Material information

Insulation material	PA66
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Conductor material	Copper Alloy
Plating of conductor surface	Tinned

## Connection data-IEC

Rated voltage (V)	450
Rated current (A)	17.5
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
Conductor cross section solid. min (mm <sup>2</sup> )	0.5
Conductor cross section solid.max (mm <sup>2</sup> )	1.5
Conductor cross section stranded. min (mm <sup>2</sup> )	0.5
Conductor cross section stranded. max (mm <sup>2</sup> )	1.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	1
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	1
Stripping Length (mm)	6~7

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	10
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10
Min. solid wire connection (AWG) acc. to UL/CUL	22
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	22

Max. stranded wire connection AWG acc. to UL/CUL	14
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## Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	115
Operating temperature. min (°C)	-40

## UL Recognized

Wire Range (Group B)(AWG)	22~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group D)(AWG)	22~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## CUL Recognized

Wire Range (Group B)(AWG)	22~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	10
Wire Range (Group D)(AWG)	22~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

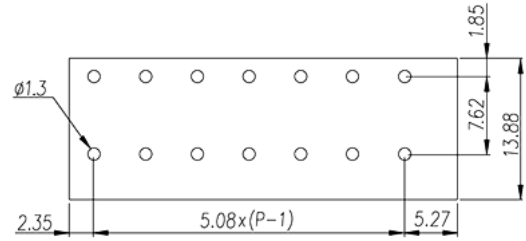
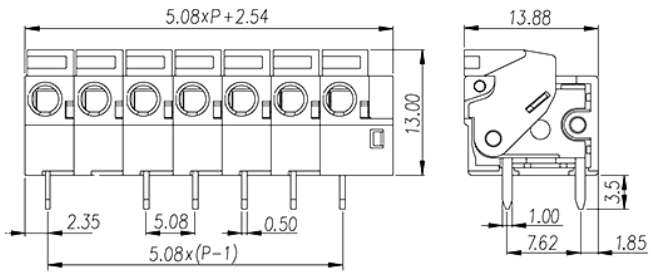
## CSA

Wire Range (AWG)	22~14
Rated voltage (V)	300
Rated current (A)	10

## VDE Approval

Wire Range (mm <sup>2</sup> )	0.5~1.5
Rated voltage (V)	450
Rated current (A)	17.5

## Drawings



## Approvals

