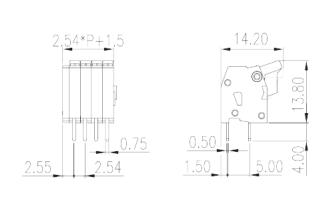


WKV254A-XXP

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-12-03Version: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: 2.54mm, 150V, 4A

General information

Short description	PCB Terminal Blocks, Spring Clamp Connection
Category	PCB Terminal Blocks
Pitch (mm)	2.54
Color	Grey (default)
Connection method	Spring Clamp Connection
Type of locking	Without
Length (mm)	2.54*(P-1)+4.74
Width (mm)	14.2
Height (mm)	13.8
Pin demensions (Thickness x Width)(mm)	0.5x0.75
PCB hole diameter (mm)	1.1
Number of positions	02P~24P
Level	Single level

Material information

Insulation material	PA
---------------------	----

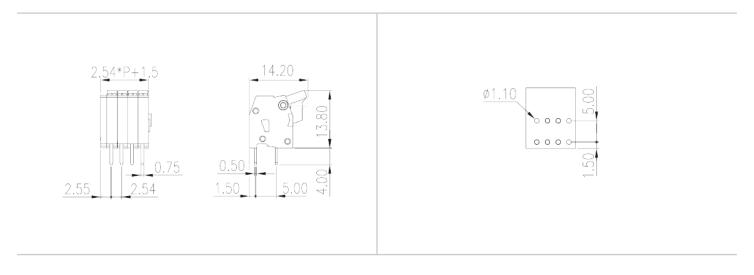


Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	160
Rated current (A)	6
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	160
Rated voltage (III/3)(V)	80
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	2.5
Rated impulse voltage (III/3)(KV)	2.5
Conductor cross section solid. min (mm²)	0.5
Conductor cross section solid.max (mm²)	0.5
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	0.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.4x2.5
Stripping Length (mm)	5~6
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	150
Rated current (UL/CUL Group B)(A)	4
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	4
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	20
Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	20
Environment & Safety	
Finger protection (YES or NO)	YES



Operating temperature. min (°C)	-40	
UL Recognized		
Wire Range (Group B)(AWG)	28~20	
Rated voltage (Group B)(V)	150	
Rated current (Group B)(A)	4	
Wire Range (Group D)(AWG)	28~20	
Rated voltage (Group D)(V)	300	
Rated current (Group D)(A)	4	
CUL Recognized	20, 20	
Wire Range (Group B)(AWG)	28~20	
Rated voltage (Group B)(V)	150	
Rated current (Group B)(A)	4	
Wire Ranget (Group D)(AWG)	28~20	
Rated voltage (Group D)(V)	300	
Rated current (Group D)(A)	4	
VDE Approval		
Wire Range (mm²)	0.5	
Rated voltage (V)	130	
Rated current (A)	6	

Drawings





Approvals







