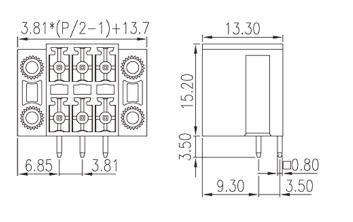


0221-51XX-BK

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-11-02Version: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: 3.81 mm, 300V, 8A

General information

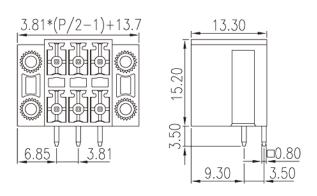
Short description	PCB Connector–Socket, Wave soldering
Category	PCB Connector–Socket
Pitch (mm)	3.81
Color	Black (default)
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	3.81*(P/2-1)+13.7
Width (mm)	13.3
Height (mm)	15.2
Pin demensions (Thickness x Width)(mm)	0.8x0.8
PCB hole diameter (mm)	1.3~1.4
Number of positions	04P~48P
Level	Double level

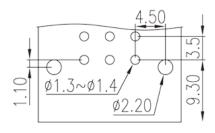
Material information

Insulation material	PBT
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Insulation material group	IIIa
Flame retardant rating , compliant with UL94	VO
Insulation resistance	$\Box 1000 M\Omega$ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	250
Rated current (A)	8
Rated voltage (II/2)(V)	250
Rated voltage (III/2) (V)	150
Rated voltage (III/3)(V)	150
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	2.5
Rated impulse voltage (III/3)(KV)	2.5
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	8
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)	8
CUL Recognized	
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8

Drawings





Approvals



