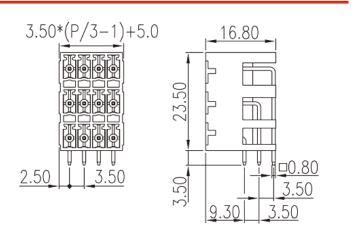


0221-25XX-BK

PCB Terminal Blocks > PCB Connector-Socket

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: 3.50 mm, 300V, 8A

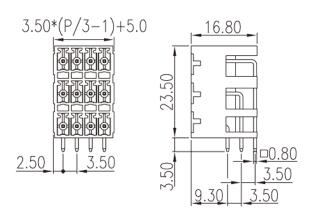
General information

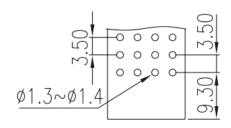
Short description	PCB Connector–Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	3.5
Color	Black (default)
Type of locking	Without
Soldering method	Wave soldering
Length (mm)	3.50*(P/3-1)+5
Width (mm)	16.8
Height (mm)	23.5
Pin demensions (Thickness x Width)(mm)	0.8x0.8
PCB hole diameter (mm)	1.3~1.4
Number of positions	06P~72P

Material information

Insulation material	PBT
Insulation material group	IIIa

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)	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) Rated current (UL/CUL Group B)(A)	300
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A)	300 8
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety	8
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO)	8 YES
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C)	8 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	8 YES
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	8 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) UL Recognized	YES 120 -40
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(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)	YES 120 -40
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) UL Recognized Rated voltage (Group B)(V)	YES 120 -40





Approvals







