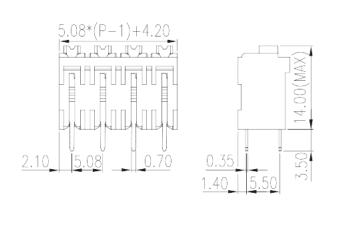


0138-60XX

PCB Terminal Blocks > PCB Terminal Blocks

Date:2025-12-04





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: 5.08 mm, 300V, 12A

General information

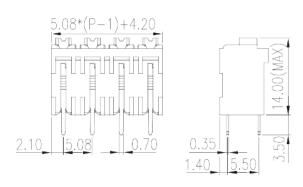
Short description	PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	5.08
Color	Black (default)
Connection method	Push in Design
Type of locking	Without
Soldering method	Wave Soldering
Length (mm)	5.08*(P-1)+4.2
Width (mm)	8.5
Height (mm)	14
Pin demensions (Thickness x Width)(mm)	0.35x0.7
PCB hole diameter (mm)	1.0~1.1
Number of positions	02P~18P
Level	Single level
Connection points	1

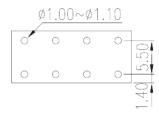


Material information

nsulation material	PBT
nsulation material group	IIIa
lame retardant rating , compliant with UL94	VO
nsulation resistance	$\Box 1000 M\Omega$ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
onnection data-IEC	
ated voltage (V)	320
Rated current (A)	17.5
lated voltage (II/2)(V)	500
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
ated impulse voltage (II/2)(KV)	4
ated impulse voltage (III/2)(KV)	4
ated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm²)	0.14
onductor cross section solid.max (mm²)	1.5
onductor cross section stranded. min (mm²)	0.14
onductor cross section stranded. max (mm²)	1.5
conductor cross section flexible, with min ferrule vithout plastic sleeve (mm²)	0.25
onductor cross section flexible, with max ferrule vithout plastic sleeve (mm²)	1.5
onductor cross section flexible, with min ferrule with lastic sleeve (mm²)	0.25
onductor cross section flexible, with max ferrule with lastic sleeve (mm²)	1.5
lotted screwdriver size (Blade thickness x Width)(mm)	0.4x2.5
tripping Length (mm)	8~9
onnection data-UL	
lated voltage (UL/CUL Group B)(V)	300
lated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group D)(V)	300

Rated current (UL/CUL Group D)(A)	12
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	14
Environment & Safety	
Back of the hand protection (YES or NO)	YES
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
UL Recognized	
Wire Range (Group B)(AWG)	28~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Range (Group D)(AWG)	28~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	12
CUL Recognized	
Wire Range (Group B)(AWG)	28~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Ranget (Group D)(AWG)	28~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	12





Approvals





