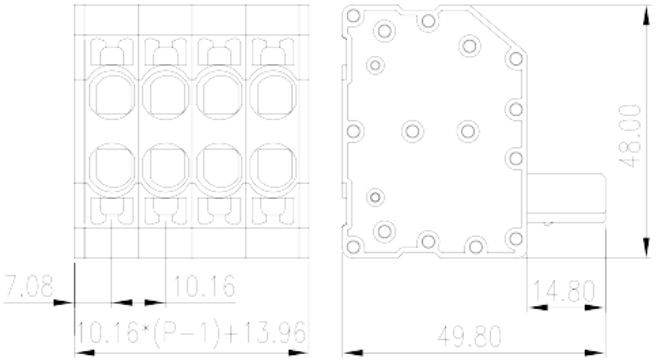
0187-A4XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2026-11-17





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 : 10.16 mm, 600V, 51A

General information

Short description	PCB Connector – Plug, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	10.16
Color	Black (default)
Connection method	Push-in Design
Type of locking	Without
Length (mm)	10.16*(P-1)+13.96
Width (mm)	48
Height (mm)	49.8
Number of positions	02P~10P

Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V

© DINKLE ENTERPRISE CO ,LTD. ALL RIGHT RESERVED

Conductor material	COPPER ALLOY
Plating of conductor surface	Ag PLATED

Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	76
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	1000
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm^2)	0.75
Conductor cross section solid.max (mm^2)	16
Conductor cross section stranded. min (mm^2)	0.75
Conductor cross section stranded. max (mm^2)	16
Conductor cross section flexible, with min ferrule without plastic sleeve (mm^2)	0.75
Conductor cross section flexible, with max ferrule without plastic sleeve (mm^2)	16
Conductor cross section flexible, with min ferrule with plastic sleeve (mm^2)	0.75
Conductor cross section flexible, with max ferrule with plastic sleeve (mm^2)	10
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4
Stripping Length (mm)	18~20

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	51
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	51
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	5
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	4
Min. stranded wire connection AWG acc. to UL/CUL	20

© DINKLE ENTERPRISE CO ,LTD. ALL RIGHT RESERVED

Max. stranded wire connection AWG acc. to UL/CUL	4

Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

UL Recognized

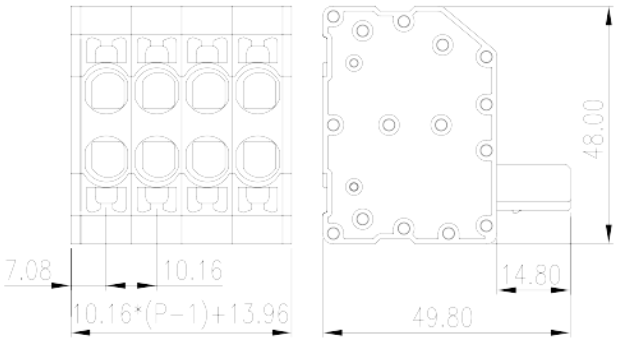
Wire Range (Group B)(AWG)	20~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	51
Wire Range (Group C)(AWG)	20~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	51
Wire Range (Group D)(AWG)	20~4
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

CUL Recognized

Wire Range (Group B)(AWG)	20~4
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	51
Wire Range (Group C)(AWG)	20~4
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	51
Wire Ranget (Group D)(AWG)	20~4
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

Drawings

© DINKLE ENTERPRISE CO ,LTD. ALL RIGHT RESERVED



Approvals

© DINKLE ENTERPRISE CO ,LTD. ALL RIGHT RESERVED