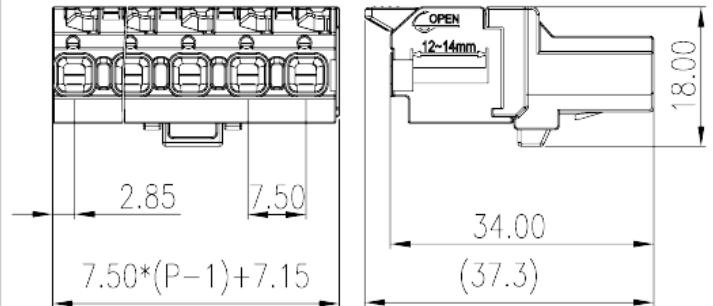


# 0254-30XX

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2025-06-25



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 :7.50mm, 300V, 16A

## General information

Short description	PCB Connector-Plug, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	7.5
Color	Black (default)
Connection method	Push-in Design
Type of locking	With lock flange
Length (mm)	$7.50 \times (P-1) + 7.15$
Width (mm)	18
Height (mm)	37.3
Number of positions	02P~12P
Level	Single level
Connection points	2~12

## Material information

Insulation material	PA
Insulation material group	IIIa

Flame retardant rating , compliant with UL94	V0
Insulation resistance	□1000MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Au PLATED

## Connection data-IEC

Rated voltage (V)	1000
Rated current (A)	18
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	630
Rated voltage (III/3)(V)	500
Rated impulse voltage (II/2)(KV)	6
Rated impulse voltage (III/2)(KV)	6
Rated impulse voltage (III/3)(KV)	6
Conductor cross section solid. min (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	2.5
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	1.5
Stripping Length (mm)	12~14

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	16
Rated voltage (UL/CUL Group C)(V)	300
Rated current (UL/CUL Group C)(A)	16
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	28
Max. solid wire connection AWG acc. to UL/CUL	12

Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	12

## Environment & Safety

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

## UL Recognized

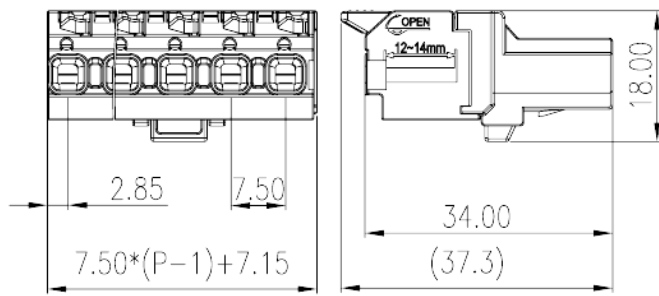
Wire Range (Group B)(AWG)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	28~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16
Wire Range (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## CUL Recognized

Wire Range (Group B)(AWG)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	16
Wire Range (Group C)(AWG)	28~12
Rated voltage (Group C)(V)	300
Rated current (Group C)(A)	16
Wire Range (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	600
Rated current (Group D)(A)	5

## Drawings

--	--



## Approvals

