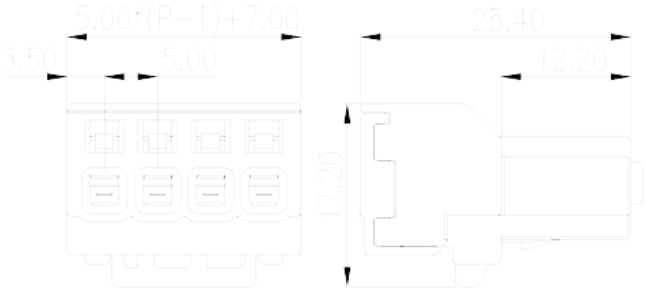
0234-20XX-MW

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 : 5.00mm, 300V, 15.5A

General information

Short description	PCB Connector, Push-in Design
Category	PCB Connector – Plug
Pitch (mm)	5.00
Connection method	Spring Clamp Connection
Soldering method	With lock flange
Length (mm)	5.00*(P-1)+7
Width (mm)	17.2
Height (mm)	25.4
Number of positions	02P~14P
Level	Single level

Material information

Insulation material	PBT
Insulation material group	Ⅲa
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□1000MΩ at DC 500V

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Conductor material	HIGH PERFORMANCE COPPER ALLOY
Plating of conductor surface	Au PLATED

Connection data-IEC

Rated voltage (V)	320
Rated current (A)	18
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	200
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm^2)	0.2
Conductor cross section solid.max (mm^2)	2.5
Conductor cross section stranded. min (mm^2)	0.2
Conductor cross section stranded. max (mm^2)	2.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm^2)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm^2)	1.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm^2)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm^2)	1.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm^2)	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm^2)	1.5
Philips screwdriver size	0.4x2.5
Stripping Length (mm)	9~10

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	15.5
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	15.5
Min. solid wire connection (AWG) acc. to UL/CUL	28
Max. solid wire connection AWG acc. to UL/CUL	12

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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

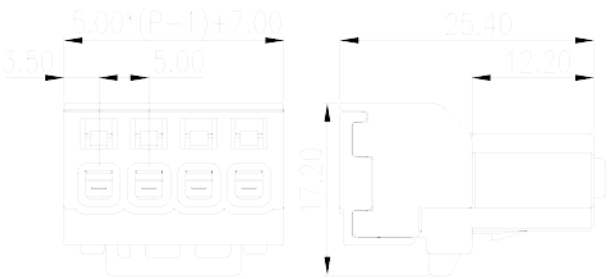
UL Recognized

Wire Range (Group B)(AWG)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	15.5
Wire Range (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	15.5

CUL Recognized

Wire Range (Group B)(AWG)	28~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	15.5
Wire Ranget (Group D)(AWG)	28~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	15.5

Drawings



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Approvals





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