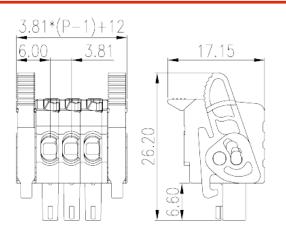


# 0256-74XX

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-05





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: 3.81mm, 300V, 8A

#### General information

Short description	PCB Connector, Push-in Design
Category	PCB Connector – Plug
Connection method	Push-in Design
Type of locking	With release tool
Length (mm)	3.81*(P-1)+12
Width (mm)	17.15
Height (mm)	21.5
Number of positions	02P~24P
Level	Single level

#### Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY



Plating of conductor surface	Tin PLATED	
Connection data-IEC		
Rated voltage (V)	320	
Rated current (A)	10	
Rated voltage (II/2)(V)	320	
Rated voltage (III/2) (V)	160	
Rated voltage (III/3)(V)	160	
Rated impulse voltage (II/2)(KV)	2.5	
Rated impulse voltage (III/2)(KV)	2.5	
Rated impulse voltage (III/3)(KV)	2.5	
Conductor cross section solid. min (mm²)	0.14	
Conductor cross section solid.max (mm²)	1.5	
Conductor cross section stranded. min (mm²)	0.14	
Conductor cross section stranded. max (mm²)	1.5	
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	1.5	
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25	
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	0.75	
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm²)	0.5	
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm²)	0.5	
Stripping Length (mm)	9~10	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	300	
Rated current (UL/CUL Group B)(A)	8	
Rated voltage (UL/CUL Group C)(V)	150	
Rated current (UL/CUL Group C)(A)	8	
Rated voltage (UL/CUL Group D)(V)	300	
Rated current (UL/CUL Group D)(A)	8	
Min. solid wire connection (AWG) acc. to UL/CUL	28	
Max. solid wire connection AWG acc. to UL/CUL	16	

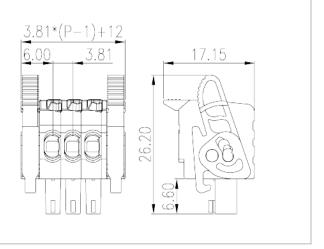


Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	16

### Environment & Safety

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

### Drawings



## **Approvals**





