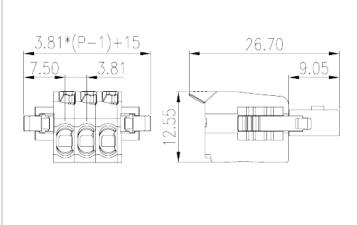


# 0256-63XX

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
Pitch (mm)	3.81
Connection method	Push-in Design
Type of locking	With lock flange
Length (mm)	3.81*(P-1)+15
Width (mm)	26.7
Height (mm)	12.55
Number of positions	02P~24P
Level	Single level

#### Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0
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
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)	0.75
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 D)(V)	
	300
Rated current (UL/CUL Group D)(A)	300 8
Rated current (UL/CUL Group D)(A)  Min. solid wire connection (AWG) acc. to UL/CUL	
<u> </u>	8
Min. solid wire connection (AWG) acc. to UL/CUL	8 28
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL	8 28 16
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL	8 28 16 28
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL  Max. stranded wire connection AWG acc. to UL/CUL	8 28 16 28
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL  Max. stranded wire connection AWG acc. to UL/CUL  Environment & Safety	8 28 16 28 16
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL  Max. stranded wire connection AWG acc. to UL/CUL  Environment & Safety  Finger protection (YES or NO)	8 28 16 28 16 YES
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL  Max. stranded wire connection AWG acc. to UL/CUL  Environment & Safety  Finger protection (YES or NO)  Operating temperature. max (°C)	8 28 16 28 16 YES 120
Min. solid wire connection (AWG) acc. to UL/CUL  Max. solid wire connection AWG acc. to UL/CUL  Min. stranded wire connection AWG acc. to UL/CUL  Max. stranded wire connection AWG acc. to UL/CUL  Environment & Safety  Finger protection (YES or NO)  Operating temperature. max (°C)  Operating temperature. min (°C)	8 28 16 28 16 YES 120

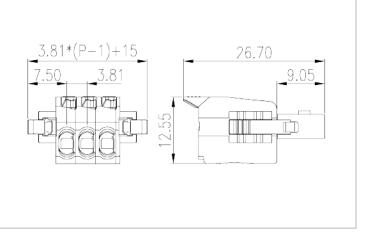


Rated current (Group B)(A)	8
Wire Range (Group D)(AWG)	28~16
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

### **CUL** Recognized

28~16
300
8
28~16
300
8

### Drawings



## **Approvals**





