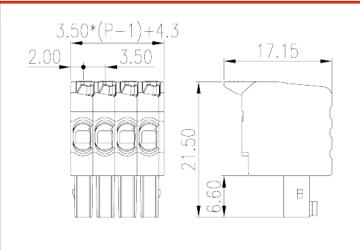


0256-31XX

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: 3.50mm, 300V, 8A

General information

Short description	PCB Connector, Push-in Design
Category	PCB Connector – Plug
Connection method	Push-in Design
Type of locking	Without
Length (mm)	3.50*(P-1)+4.3
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	

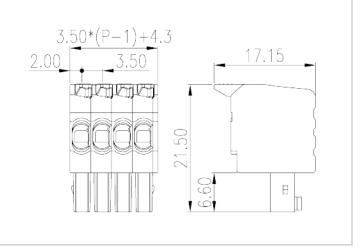


Min. stranded wire connection AWG acc. to UL/CUL	28
Max. stranded wire connection AWG acc. to UL/CUL	16

Environment & Safety

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

Drawings



Approvals





