

CPC350-XXP

PCB Terminal Blocks > PCB Connector-Plug

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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: 3.50 mm, 150V, 12A

General information

Short description	PCB Connector – Plug, Screw Connection
Category	PCB Connector – Plug
Pitch (mm)	3.50
Color	Green (default)
Connection method	Screw Connection
Type of locking	PCB Connection
Length (mm)	3.50*P
Width (mm)	19
Height (mm)	12.5
Number of positions	02P~24P
Level	Single level

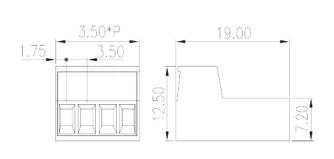
Material information

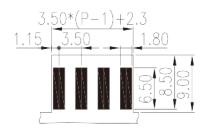
Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0



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)	14
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)	0.2
Conductor cross section solid.max (mm²)	1.5
Conductor cross section stranded. min (mm²)	0.2
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)	2.5
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	2.5
2 conductors with same cross section, solid, min (mm²)	0.2
2 conductors with same cross section, solid, max (mm²)	1.5
2 conductors with same cross section, stranded, min (mm²)	0.2
2 conductors with same cross section, stranded, max (mm²)	1.5
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
2 conductors with same cross section flexible, with max ferrule without 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)	1.5

Philips screwdriver size	M2	
Rated torque (N.m)	0.2	
Stripping Length (mm)	7~8	
Connection data-UL		
Rated voltage (UL/CUL Group B)(V)	150	
Rated current (UL/CUL Group B)(A)	12	
Rated voltage (UL/CUL Group D)(V)	150	
Rated current (UL/CUL Group D)(A)	12	
Min. solid wire connection (AWG) acc. to UL/CUL	28	
Max. solid wire connection AWG acc. to UL/CUL	14	
Min. stranded wire connection AWG acc. to UL/CUL	28	
	14	
Max. stranded wire connection AWG acc. to UL/CUL	14	
Environment & Safety Finger protection (YES or NO)	YES	
Environment & Safety		
Environment & Safety Finger protection (YES or NO)	YES	
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	YES 120	
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized	YES 120	
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized	YES 120 -40	
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG)	YES 120 -40	
Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V) Rated current (Group B)(A)	YES 120 -40 28~14 150	
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG) Rated voltage (Group B)(V)	YES 120 -40 28~14 150	





Approvals





