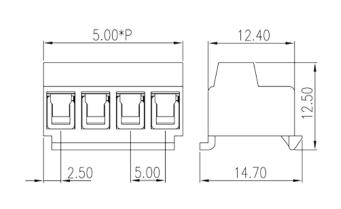


# ED130R-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-05Version:1.1





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: 5.00 mm, 300V, 12A

#### General information

Short description	PCB Connector – Plug, Wire protector type
Category	PCB Connector – Plug
Pitch (mm)	5.00
Color	Black (default)
Connection method	Wire Protector Type
Type of locking	Without
Length (mm)	5.00*P
Width (mm)	14.7
Height (mm)	12.5
Number of positions	02P~20P
Level	Single level

#### Material information

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



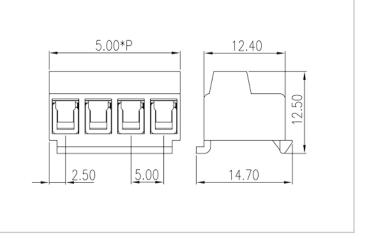
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection data-IEC	
Rated voltage (V)	320
Rated current (A)	10
Rated voltage (II/2)(V)	400
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4
Conductor cross section solid. min (mm²)	0.5
Conductor cross section solid.max (mm²)	1.5
Conductor cross section stranded. min (mm²)	0.5
Conductor cross section stranded. max (mm²)	1.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	1
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.5
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	1
2 conductors with same cross section, solid, min (mm²)	0.5
2 conductors with same cross section, solid, max (mm²)	1
2 conductors with same cross section, stranded, min (mm²)	0.5
2 conductors with same cross section, stranded, max (mm²)	1
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm²)	0.5
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm²)	0.5
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)	0.5

Screw thread	M2.5
Slotted screwdriver size (Blade thickness x Width)(mm)	0.6x3.5
Philips screwdriver size	PH1
Rated torque (N.m)	0.3
Stripping Length (mm)	5~6
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10
Min. solid wire connection (AWG) acc. to UL/CUL	22
Max. solid wire connection AWG acc. to UL/CUL	14
Min. stranded wire connection AWG acc. to UL/CUL	22
Max. stranded wire connection AWG acc. to UL/CUL	14
Finger protection (YES or NO)  Operating temperature. max (°C)  Operating temperature. min (°C)	YES 120 -40
JL Recognized	-40
Wire Range (Group B)(AWG)	22~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Range (Group D)(AWG)	22~14
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10
CUL Recognized	
Wire Range (Group B)(AWG)	22~14
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Ranget (Group D)(AWG)	22~14
Rated voltage (Group D)(V)	300

Rated current (Group D)(A)

10

## Drawings



## Approvals





