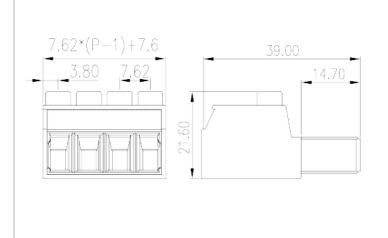


EC762H-XXP

PCB Terminal Blocks > PCB Connector-Plug

Date:2025-11-04





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: 7.62mm, M3, 600V, 41A

General information

Short description	PCB Connector-Plug, Screw Connection
Category	PCB Connector – Plug
Pitch (mm)	7.62
Color	Green (default)
Connection method	Screw Connection
Type of locking	Without
Length (mm)	7.62*(P-1)+7.6
Width (mm)	39.5
Height (mm)	21.6
Number of positions	02P~12P
Level	Single level

Material information

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



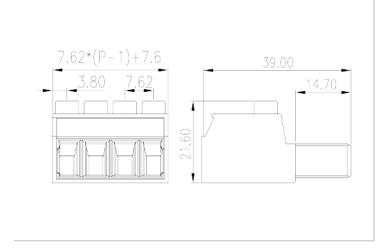
insulation resistance	≥500MΩ at DC 500V
Conductor material	HIGH PERFORMANCE COPPER ALLOY
Plating of conductor surface	Tin PLATED
onnection data-IEC	
Rated voltage (V)	1000
Rated current (A)	41
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	800
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm²)	0.2
Conductor cross section solid.max (mm²)	10
Conductor cross section stranded. min (mm²)	0.2
Conductor cross section stranded. max (mm²)	6
Conductor cross section flexible, with min ferrule without plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm²)	6
Conductor cross section flexible, with min ferrule with plastic sleeve (mm²)	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm²)	4
2 conductors with same cross section, solid, min (mm²)	0.2
2 conductors with same cross section, solid, max (mm²)	2.5
2 conductors with same cross section, stranded, min (mm²)	0.2
2 conductors with same cross section, stranded, max (mm²)	4
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)	1.5
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)	2.5

Screw thread	M3
Slotted screwdriver size (Blade thickness x Width)(mm)	0.8x4, PH2
Recommend tightening torque. min (N.m)	0.5
Recommend tightening torque. max (N.m)	0.6
Stripping Length (mm)	10~11
Connection data-UL	
Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	41
Rated voltage (UL/CUL Group C)(V)	600
Rated current (UL/CUL Group C)(A)	41
Rated voltage (UL/CUL Group D)(V)	600
Rated current (UL/CUL Group D)(A)	41
Min. solid wire connection (AWG) acc. to UL/CUL	30
Max. solid wire connection AWG acc. to UL/CUL	8
Min. stranded wire connection AWG acc. to UL/CUL	30
Max. stranded wire connection AWG acc. to UL/CUL	8
Environment & Safety Finger protection (YES or NO)	YES
Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C)	YES 120
Finger protection (YES or NO)	
Finger protection (YES or NO) Operating temperature. max (°C)	120
Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	120
Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized	-40
Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Wire Range (Group B)(AWG)	120 -40 30~8
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)	120 -40 30~8 600
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)	120 -40 30~8 600 41
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) Wire Range (Group C)(AWG)	120 -40 30~8 600 41 30~8
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) Wire Range (Group C)(AWG) Rated voltage (Group C)(V)	120 -40 30~8 600 41 30~8 600
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) Wire Range (Group C)(AWG) Rated voltage (Group C)(V) Rated current (Group C)(A)	120 -40 30~8 600 41 30~8 600
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) Wire Range (Group C)(AWG) Rated voltage (Group C)(V) Rated current (Group C)(A) CUL Recognized	120 -40 30~8 600 41 30~8 600 41



Wire Range (Group C)(AWG)	30~8
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	41

Drawings



Approvals





