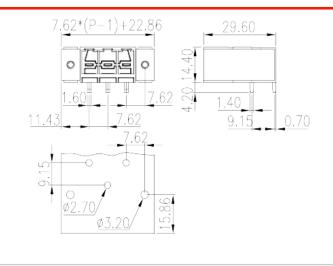


ECH762HRM-XXP

PCB Terminal Blocks > PCB Connector-Socket

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: 7.62mm, 600V, 41A

General information

Short description	Connector – Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	7.62
Color	Black (default)
Type of locking	With threaded flange
Soldering method	Reflow Soldering
Length (mm)	7.62*(P-1)+22.86
Width (mm)	29.6
Height (mm)	14.4
Pin demensions (Thickness x Width)(mm)	1.6x1.4
PCB hole diameter (mm)	2.7
Number of positions	02P~12P
Level	Single level

Material information

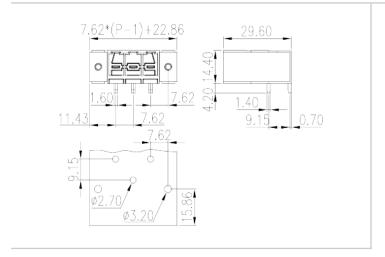
Insulation material	PA

Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Insulation resistance	\square 500Μ Ω at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
Connection 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)	630
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Tightening torque with flange. max (N.m)	0.5
Connection data-UL	
eofficetion data of	
Rated voltage (UL/CUL Group B)(V)	600
	600 41
Rated voltage (UL/CUL Group B)(V)	
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A)	41
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A)	41 600
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A)	41 600
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety	41 600 41
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety Finger protection (YES or NO)	41 600 41 YES
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	41 600 41 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C)	41 600 41 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized	41 600 41 YES 120 -40
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group C)(V) Rated current (UL/CUL Group C)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Rated voltage (Group B)(V)	41 600 41 YES 120 -40

CUL Recognized

Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	41
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	41

Drawings



Approvals





