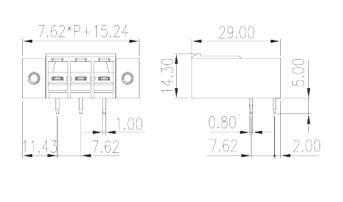


ECH762RM-XXP

PCB Terminal Blocks > PCB Connector-Socket

Date: 2025-11-05 Version: V1





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: 7.62 mm, 300V, 30A

General information

Short description	PCB Connector – Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	7.62
Color	Green (default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	7.62*(P-1)+22.86
Width (mm)	29
Height (mm)	14.3
Pin demensions (Thickness x Width)(mm)	0.8x1.0
PCB hole diameter (mm)	1.5~1.6
Number of positions	02P~12P
Level	Single level

Material information

Insulation material	PBT
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Insulation material group	IIIa
Flame retardant rating , compliant with UL94	VO
Insulation resistance	$\Box 1000 M\Omega$ 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)	630
Rated voltage (III/3)(V)	500
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)	0.3
Connection data-UL	
Connection data-UL Rated voltage (UL/CUL Group B)(V)	300
	300 30
Rated voltage (UL/CUL Group B)(V)	
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A)	30
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V)	30 300
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A)	30 300
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety	30 300 10
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety Finger protection (YES or NO)	30 300 10 YES
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C)	30 300 10 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	30 300 10 YES 120
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C)	30 300 10 YES 120 -40
Rated voltage (UL/CUL Group B)(V) Rated current (UL/CUL Group B)(A) Rated voltage (UL/CUL Group D)(V) Rated current (UL/CUL Group D)(A) Environment & Safety Finger protection (YES or NO) Operating temperature. max (°C) Operating temperature. min (°C) JL Recognized Rated voltage (Group B)(V)	30 300 10 YES 120 -40

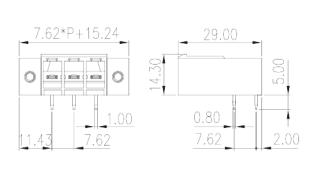
CUL Recognized

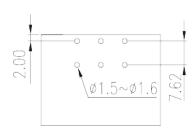
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	30
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

VDE Approval

Rated voltage (V)	1000
Rated current (A)	41

Drawings





Approvals







