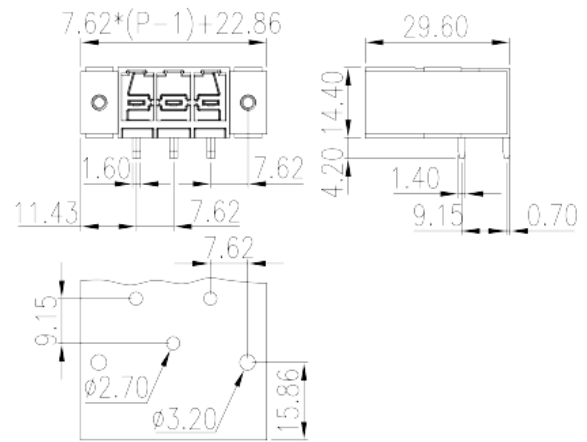
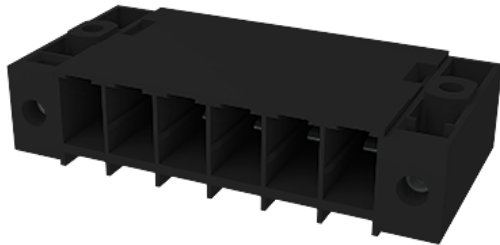


# ECH762HRM-XXP

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2025-09-10



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
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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)	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

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

## Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

## UL Recognized

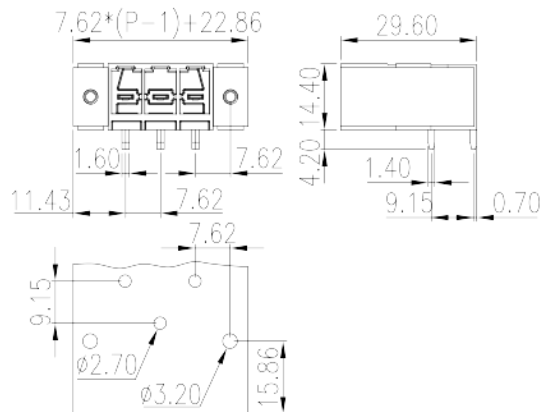
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	41
Rated voltage (Group C)(V)	600
Rated current (Group C)(A)	41

## CUL Recognized

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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

