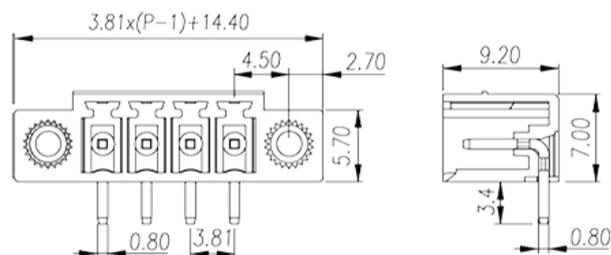
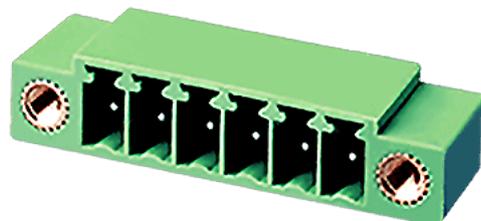


# ECH381RM-XXP

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2018-12-26Version: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: 3.81 mm , 300V, 8A

## General information

Short description	PCB connector Socket , Wave soldering
Category	PCB connector Socket
Pitch (mm)	3.81
Color	Green(default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	$3.81 \times (P-1) + 14.40$
Width (mm)	9.20
Height (mm)	7.20
Pin demensions (Thickness x Width)(mm)	0.8X0.8
PCB hole diameter (mm)	1.2~1.3
Number of positions	02~24
Level	Single level

## Material information

Insulation material	PA66
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Insulation material group	I
Flame retardant rating , compliant with UL94	V0
Conductor material	Copper Alloy
Plating of conductor surface	Tinned

## Connection data-IEC

Rated current (A)	14
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	160
Rated voltage (III/3)(V)	160
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	2.5
Rated impulse voltage (III/3)(KV)	2.5

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	8
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	8

## Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	115
Operating temperature. min (°C)	-40

## UL Recognized

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

## CUL Recognized

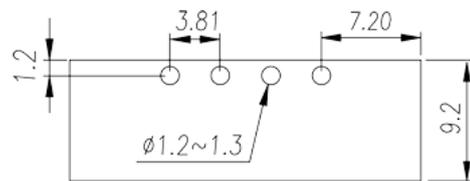
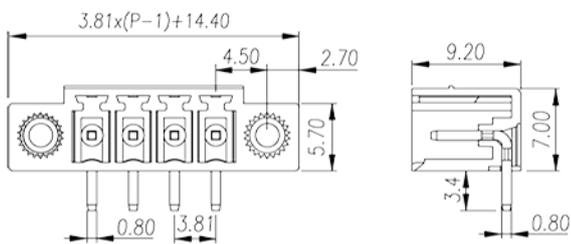
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300

Rated current (Group D)(A)	8
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## VDE Approval

Rated voltage (V)	320
Rated current (A)	14

## Drawings



## Approvals

