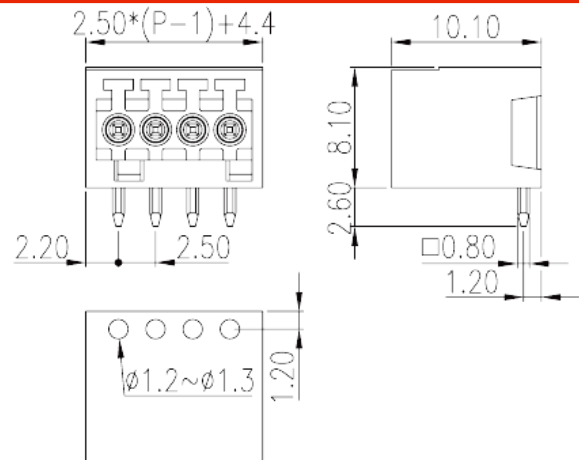


# ECH250R-XXPL

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 :2.50mm, 150V, 4A

## General information

Short description	PCB Connector– Socket, Reflow Soldering
Category	PCB Connector – Socket
Pitch (mm)	2.5
Color	Black (default)
Type of locking	Without
Soldering method	Reflow Soldering (245°C)
Length (mm)	$2.50*(P-1)+4.4$
Width (mm)	10.1
Height (mm)	8.1
Pin demensions (Thickness x Width)(mm)	0.8x0.8
PCB hole diameter (mm)	1.3
Number of positions	02P~24P
Level	Single level
Connection points	2~24

## Material information

Insulation material	HIGH-TEMPERATURE PLASTICS
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
MSL	1

## Connection data-IEC

Rated voltage (V)	160
Rated current (A)	4
Rated voltage (II/2)(V)	160
Rated voltage (III/2) (V)	160
Rated voltage (III/3)(V)	32
Rated impulse voltage (II/2)(KV)	2.5
Rated impulse voltage (III/2)(KV)	2.5
Rated impulse voltage (III/3)(KV)	1.5

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	150
Rated current (UL/CUL Group B)(A)	4
Rated voltage (UL/CUL Group D)(V)	150
Rated current (UL/CUL Group D)(A)	4

## Environment & Safety

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

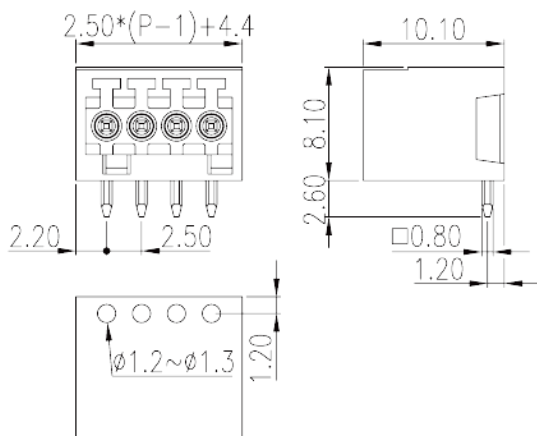
## UL Recognized

Rated voltage (Group B)(V)	150
Rated current (Group B)(A)	4
Rated voltage (Group D)(V)	150
Rated current (Group D)(A)	4

## CUL Recognized

Rated voltage (Group B)(V)	150
Rated current (Group B)(A)	4
Rated voltage (Group D)(V)	150
Rated current (Group D)(A)	4

## Drawings



## Approvals

