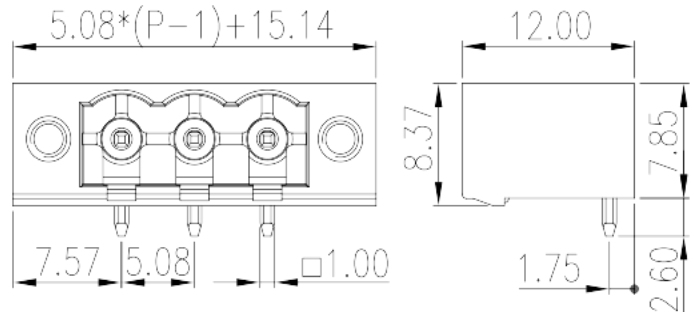
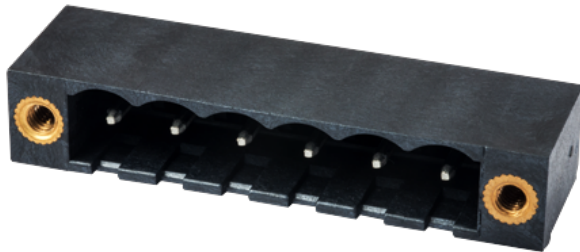


2EHDRRM-XXPL

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-09-17



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 : 5.08mm, 300V, 15A

General information

Short description	PCB Connector-Socket, Reflow soldering
Category	PCB Connector-Socket
Pitch (mm)	5.08
Color	Black (default)
Type of locking	With threaded flange
Soldering method	Reflow Soldering (Temperature condition according to standard IPC/JEDEC J-STD-020E)
Length (mm)	$5.08 \times (P-1) + 15.14$
Width (mm)	12
Height (mm)	8.37
Pin demensions (Thickness x Width)(mm)	1.0x1.0
PCB hole diameter (mm)	1.60~1.70
Number of positions	02P~24P
Level	Single level
Connection points	1

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)	630
Rated current (A)	18
Rated voltage (II/2)(V)	400
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	250
Rated impulse voltage (II/2)(KV)	4
Rated impulse voltage (III/2)(KV)	4
Rated impulse voltage (III/3)(KV)	4

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	15
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10

Environment & Safety

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

UL Recognized

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	15
Rated voltage (Group D)(V)	300

Rated current (Group D)(A)	10
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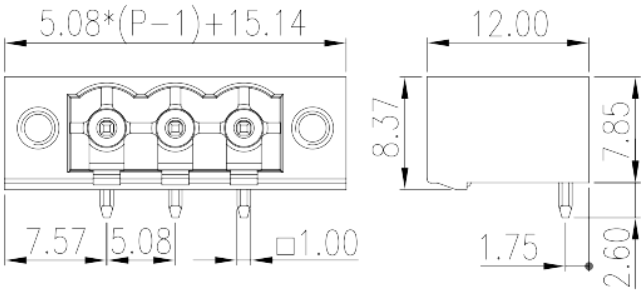
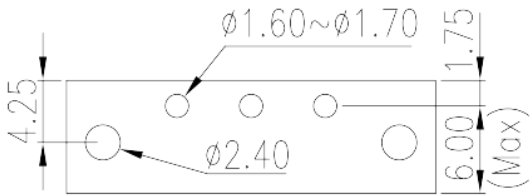
CUL Recognized

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	15
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

VDE Approval

Rated voltage (V)	630
Rated current (A)	18

Drawings

 <p>Technical drawing of the terminal block showing front and side views with dimensions:</p> <ul style="list-style-type: none"> Front view dimensions: $5.08 \times (P-1) + 15.14$ (total width), 7.57 (terminal width), 5.08 (terminal pitch), 1.00 (terminal height). Side view dimensions: 12.00 (total length), 8.37 (height), 1.75 (terminal height), 2.60 (terminal height), 7.85 (height). 	 <p>Technical drawing of the terminal block showing top view with dimensions:</p> <ul style="list-style-type: none"> Top view dimensions: $\phi 1.60 \sim \phi 1.70$ (hole diameter), $\phi 2.40$ (hole diameter), 4.25 (width), 1.75 (height), 6.00 (Max) (height).
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Approvals

