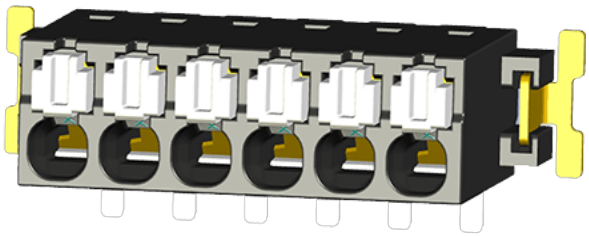
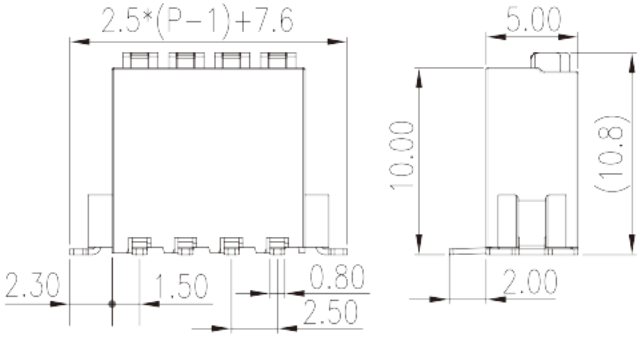
0188-02XXSMD

PCB Terminal Blocks > PCB Terminal Blocks

Date:2020-04-03





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 , 5A

General information

Short description	PCB Terminal Blocks, Push-in Design
Category	PCB Terminal Blocks
Pitch (mm)	2.5
Color	Refer to drawing
Connection method	Push-in Design
Type of locking	Without
Soldering method	Reflow Soldering(245℃)
Length (mm)	2.5*(P-1)+7.6
Width (mm)	5
Height (mm)	10.8
Pin demensions (Thickness x Width)(mm)	0.3*0.8
Number of poles	02P~20P
Number of positions	02P~20P

Material information

Insulation material	High-temperature plastics

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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
MSL	2

Connection data-IEC

Rated voltage (V)	160
Rated current (A)	6
Rated voltage (II/2)(V)	400
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
Conductor cross section solid. min (mm^2)	0.2
Conductor cross section solid.max (mm^2)	0.5
Conductor cross section stranded. min (mm^2)	0.2
Conductor cross section stranded. max (mm^2)	0.5
Conductor cross section flexible, with min ferrule without plastic sleeve (mm^2)	0.25
Conductor cross section flexible, with max ferrule without plastic sleeve (mm^2)	0.5
Stripping Length (mm)	7

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	150
Rated current (UL/CUL Group B)(A)	5
Min. solid wire connection (AWG) acc. to UL/CUL	26
Max. solid wire connection AWG acc. to UL/CUL	18
Min. stranded wire connection AWG acc. to UL/CUL	26
Max. stranded wire connection AWG acc. to UL/CUL	18

Environment & Safety

Back of the hand protection (YES or NO)	yes

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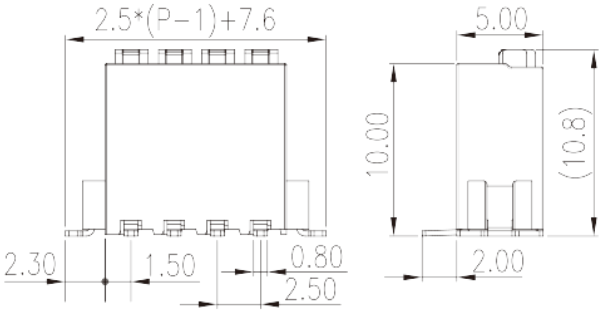
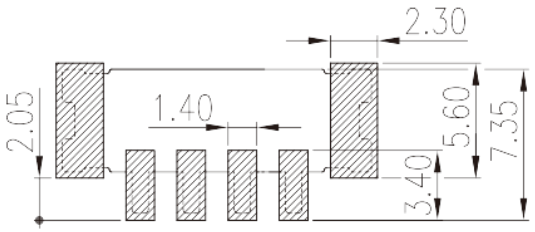
Finger protection (YES or NO)	yes
Operating temperature. max (°C)	110
Operating temperature. min (°C)	-40

Drawings





Approvals

RoHS Compliance

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