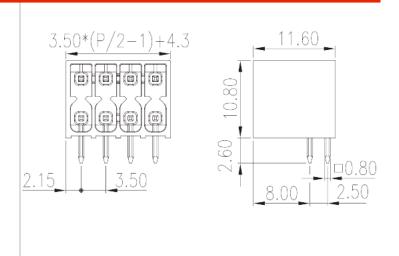


0159-31XXLWR

PCB Terminal Blocks > In tape-on-reel packing

Date:2025-11-02Version: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: 3.50 mm, 150V, 8A

General information

Short description	PCB connector Socket, Reflow soldering
Category	PCB Connector–Socket
Pitch (mm)	3.5
Color	Black (default)
Type of locking	Without
Soldering method	Reflow Soldering (Temperature condition according to standard IPC/JEDEC J-STD-020E)
Length (mm)	3.50*(P/2-1)+4.3
Width (mm)	11.6
Height (mm)	10.8
Pin demensions (Thickness x Width)(mm)	0.8x0.8
PCB hole diameter (mm)	1.4
Number of positions	04P~40P
Level	Double level

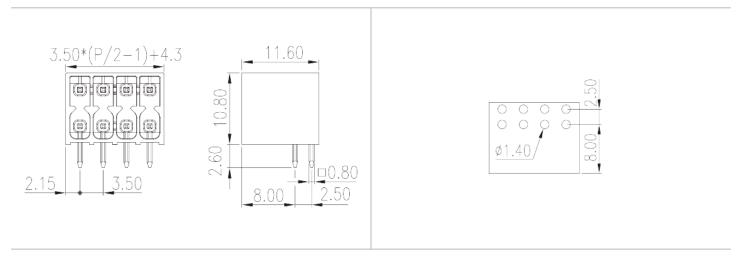
Material information

Insulation material	HIGH-TEMPERATURE PLASTICS
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	VO
Insulation resistance	□500MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
MSL	1
Connection data-IEC	
Rated voltage (V)	250
Rated current (A)	8
Rated voltage (II/2)(V)	250
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
Environment & Safety	
Finger protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40
UL Recognized	
UL Recognized Rated voltage (Group B)(V)	150
	150 8
Rated voltage (Group B)(V)	
Rated voltage (Group B)(V) Rated current (Group B)(A)	8
Rated voltage (Group B)(V) Rated current (Group B)(A) Rated voltage (Group C)(V)	8 50

CUL Recognized

Rated voltage (Group B)(V)	150
Rated current (Group B)(A)	8
Rated voltage (Group C)(V)	50
Rated current (Group C)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

Drawings



Approvals





