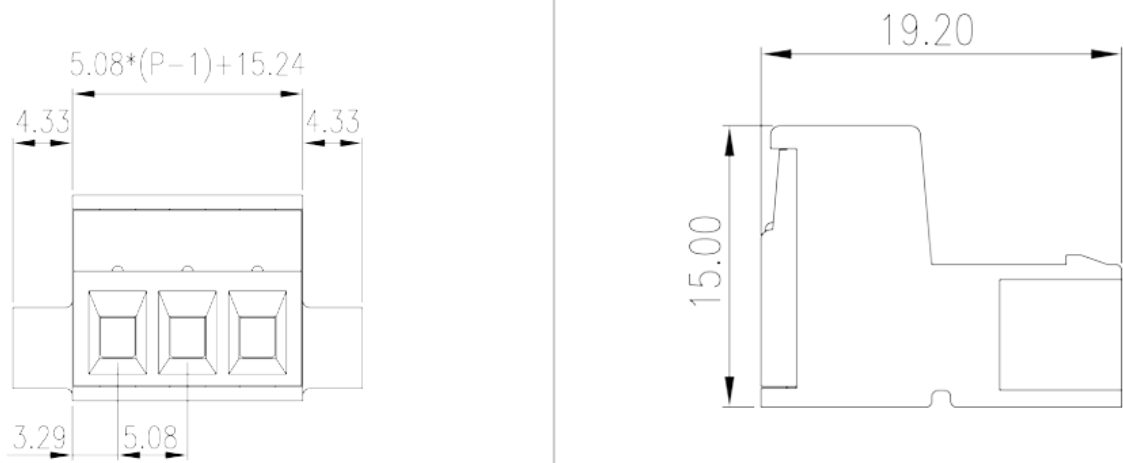


2ESDHM-XXP

>

Date:2024-04-27Version:1.1



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 12A

General information

Short description	PCB Connector – Plug · Screw Connection · Pitch : 5.08mm · M2.5 · 300V 12A
Category	PCB Connector – Plug
Pitch (mm)	5.08
Color	Refer to drawing
Connection method	Screw Connection
Type of locking	With threaded flange
Length (mm)	$5.08 \times (P-1) + 15.24$
Width (mm)	19.2
Height (mm)	15
Number of poles	2P~12P
Number of positions	2P~12P

Material information

Insulation material	PA66
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

Connection data-UL

Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	12
Min. solid wire connection (AWG) acc. to UL/CUL	24
Max. solid wire connection AWG acc. to UL/CUL	12
Min. stranded wire connection AWG acc. to UL/CUL	24
Max. stranded wire connection AWG acc. to UL/CUL	12

Environment & Safety

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

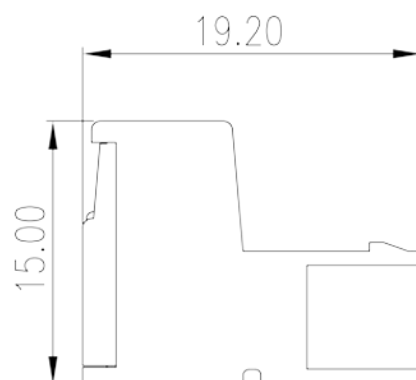
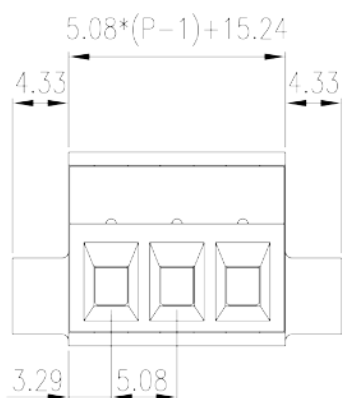
UL Recognized

Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Range (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	12

CUL Recognized

Wire Range (Group B)(AWG)	24~12
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Wire Ranget (Group D)(AWG)	24~12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	12

Drawings



Approvals

