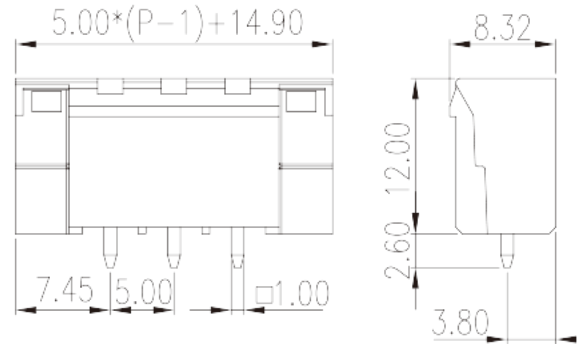


# 5EHDVM-XXPL

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2024-05-22Version: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 : 5.00 mm, 300V, 15A

## General information

Short description	PCB Connector – Socket, Reflow Soldering
Category	PCB Connector – Socket
Pitch (mm)	5.00
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)	$5.00*(P-1)+14.9$
Width (mm)	8.32
Height (mm)	12
Pin demensions (Thickness x Width)(mm)	1.0x1.0
PCB hole diameter (mm)	1.6
Number of positions	02P~24P
Level	Single level

## 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)	600
Rated current (A)	18
Rated voltage (II/2)(V)	600
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
Tightening torque with flange. max (N.m)	0.3

### 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

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

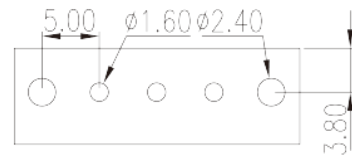
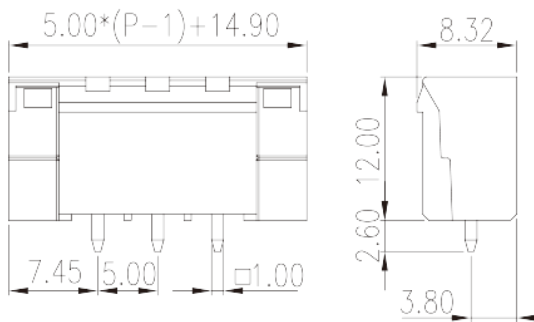
### UL Recognized

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

## 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

## Drawings



## Approvals

