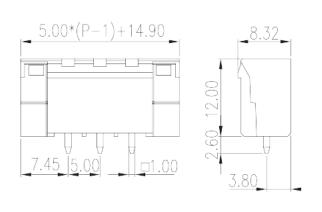


# 5EHDVM-XXPL

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-10-25Version: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

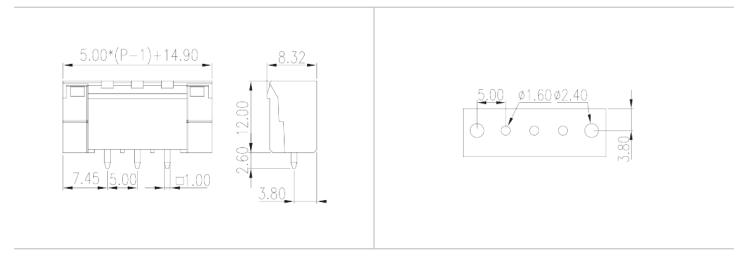
Insulation material	HIGH-TEMPERATURE PLASTICS
Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V0
Insulation resistance	$\square$ 500M $\Omega$ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED
MSL	1
Connection data-IEC	
Rated voltage (V)	600
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. max (°C) Operating temperature. min (°C)	120 -40
Operating temperature. min (°C)	
Operating temperature. min (°C)  JL Recognized	-40
Operating temperature. min (°C)  JL Recognized  Rated voltage (Group B)(V)	-40 300



### **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



