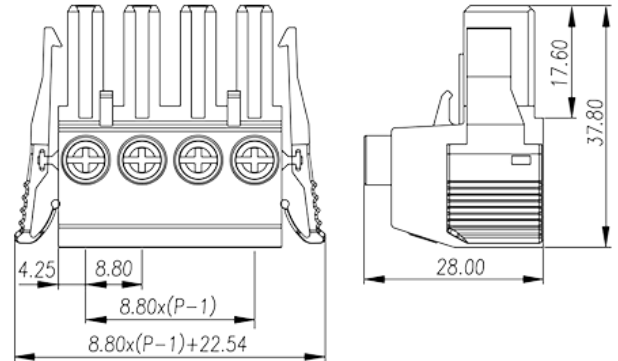


# EC880HVT-XXP

PCB Terminal Blocks &gt; PCB Connector-Plug

Date:2024-05-03Version: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 : 8.80 mm , 600V , 65A

## General information

Short description	PCB Connector Plug , Screw Connection
Category	PCB Connector Plug
Pitch (mm)	8.800000000000001
Color	Green(default)
Connection method	Screw Connection
Type of locking	With lock flange
Length (mm)	$8.80 \times (P-1) + 22.54$
Width (mm)	28
Height (mm)	37.8
Number of positions	02~12
Level	Single level

## Material information

Insulation material	PA
Insulation material group	I
Flame retardant rating , compliant with UL94	V0

Conductor material	Copper Alloy
Plating of conductor surface	Tinned

## Connection data-IEC

Rated current (A)	57
Rated voltage (II/2)(V)	1000
Rated voltage (III/2) (V)	1000
Rated voltage (III/3)(V)	800
Rated impulse voltage (II/2)(KV)	8
Rated impulse voltage (III/2)(KV)	8
Rated impulse voltage (III/3)(KV)	8
Conductor cross section solid. min (mm <sup>2</sup> )	0.2
Conductor cross section solid.max (mm <sup>2</sup> )	10
Conductor cross section stranded. min (mm <sup>2</sup> )	0.2
Conductor cross section stranded. max (mm <sup>2</sup> )	1
Conductor cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.5
Conductor cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	6
Conductor cross section flexible, with min ferrule with plastic sleeve (mm <sup>2</sup> )	0.25
Conductor cross section flexible, with max ferrule with plastic sleeve (mm <sup>2</sup> )	4
2 conductors with same cross section, solid, max (mm <sup>2</sup> )	4
2 conductors with same cross section, stranded, max (mm <sup>2</sup> )	4
2 conductors with same cross section flexible, with min ferrule without plastic sleeve (mm <sup>2</sup> )	0.25
2 conductors with same cross section flexible, with max ferrule without plastic sleeve (mm <sup>2</sup> )	2.5
2 conductors with same cross section flexible, min twin ferrules with plastic sleeve (mm <sup>2</sup> )	0.5
2 conductors with same cross section flexible, max twin ferrules with plastic sleeve (mm <sup>2</sup> )	2.5
Screw thread	M4
Slotted screwdriver size (Blade thickness x Width)(mm)	1.0x5.5
Philips screwdriver size	PH2
Rated torque (N.m)	1.8
Stripping Length (mm)	8~9

## Connection data-UL

Rated voltage (UL/CUL Group B)(V)	600
Rated current (UL/CUL Group B)(A)	65
Min. solid wire connection (AWG) acc. to UL/CUL	20
Max. solid wire connection AWG acc. to UL/CUL	6
Min. stranded wire connection AWG acc. to UL/CUL	20
Max. stranded wire connection AWG acc. to UL/CUL	6

## Environment & Safety

Finger protection (YES or NO)	YES
Operating temperature. max (°C)	115
Operating temperature. min (°C)	-40

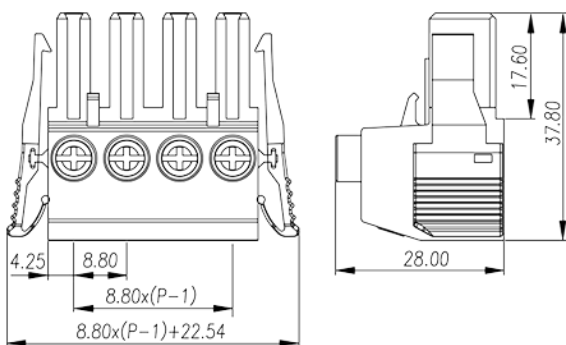
## UL Recognized

Wire Range (Group B)(AWG)	20~6
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	65

## CUL Recognized

Wire Range (Group B)(AWG)	20~6
Rated voltage (Group B)(V)	600
Rated current (Group B)(A)	65

## Drawings



## Approvals

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