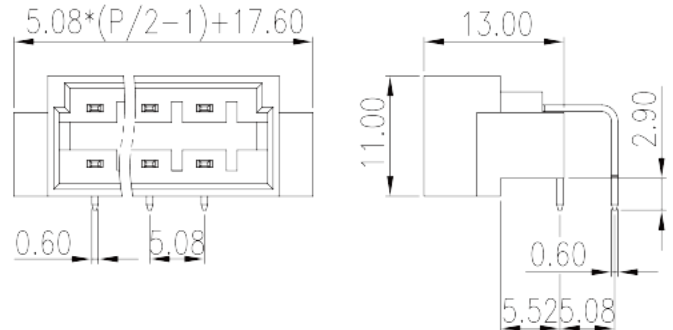
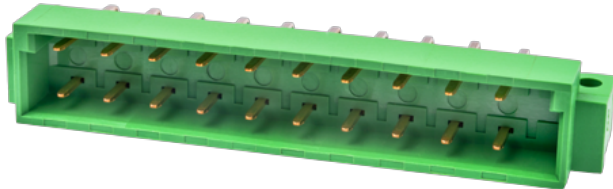


# FDCH508R-XXP

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2025-08-13



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, 6A

## General information

Short description	PCB Connector – Socket, Wave soldering
Category	PCB Connector – Socket
Pitch (mm)	5.08
Color	Green (default)
Type of locking	With threaded flange
Soldering method	Wave Soldering
Length (mm)	$5.08 \times (P/2 - 1) + 17.6$
Width (mm)	13
Height (mm)	11
Pin demensions (Thickness x Width)(mm)	0.6x0.6
PCB hole diameter (mm)	1
Number of positions	20P~44P
Level	Double level

## Material information

Insulation material	PBT
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Insulation material group	IIIa
Flame retardant rating , compliant with UL94	V0
Insulation resistance	□1000MΩ at DC 500V
Conductor material	COPPER ALLOY
Plating of conductor surface	Tin PLATED

## Connection data-IEC

Rated voltage (V)	320
Rated current (A)	6
Rated voltage (II/2)(V)	320
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

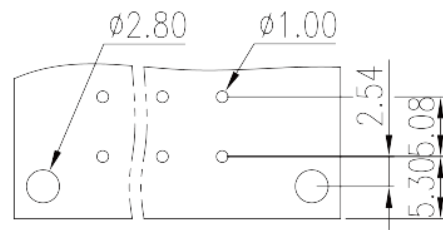
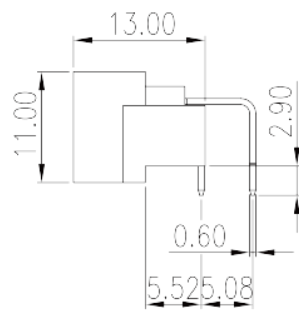
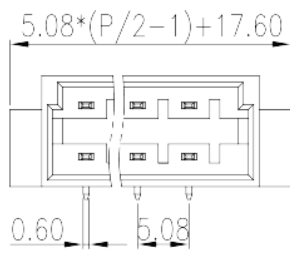
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	6
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	6

## Environment & Safety

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

## Drawings

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## Approvals

