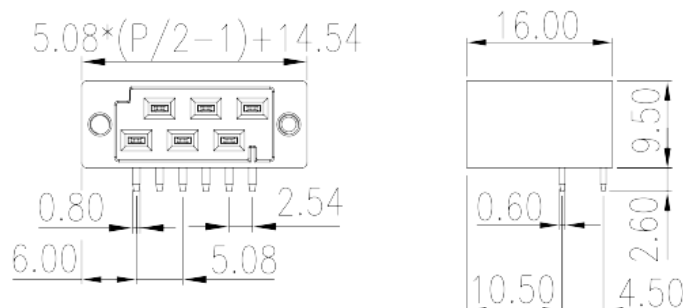


# 0225-46XX

PCB Terminal Blocks > PCB Connector-Socket

Date:2025-08-17Version: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 : 5.08 mm, 300V, 12A

## General information

Short description	PCB Connector–Socket, Wave soldering
Category	PCB Connector–Socket
Pitch (mm)	5.08
Color	Black (default)
Type of locking	With threaded flange
Soldering method	Wave soldering
Length (mm)	$5.08 \times (P/2 - 1) + 14.54$
Width (mm)	16
Height (mm)	9.5
Pin demensions (Thickness x Width)(mm)	0.6x0.8
PCB hole diameter (mm)	1.2
Number of positions	04P~40P
Level	Double level

## Material information

Insulation material	PBT
---------------------	-----

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)	14
Rated voltage (II/2)(V)	320
Rated voltage (III/2) (V)	320
Rated voltage (III/3)(V)	200
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)	0.1

## 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)	10

## Environment & Safety

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

## UL Recognized

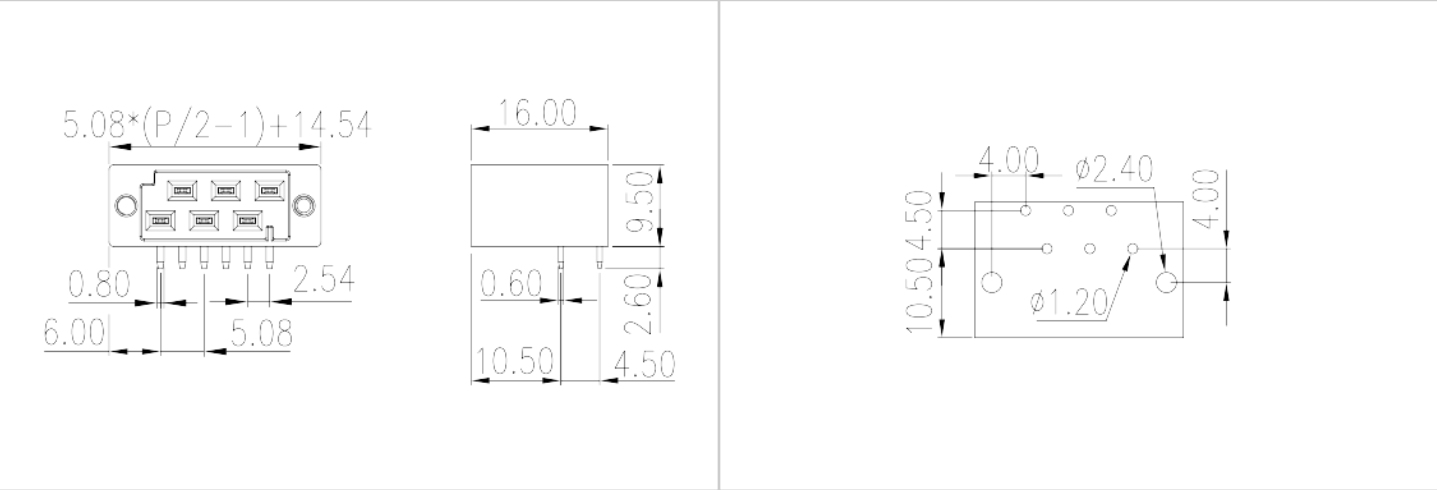
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## CUL Recognized

--	--

Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	12
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	10

## Drawings



## Approvals

