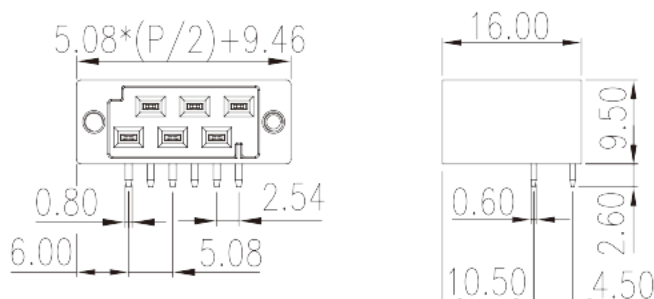


# 0225-46XX

PCB Terminal Blocks &gt; PCB Connector-Socket

Date:2022-11-14Version: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, 8A

**0225-46XX**
**0225 - series of terminal blocks**
**46 - modification for PCB**
**XX - number of positions (number of pins/poles)**

## 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)	$5.08*(P/2-1)+14.54$
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
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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)	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)	8
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	8

### Environment & Safety

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

### UL Recognized

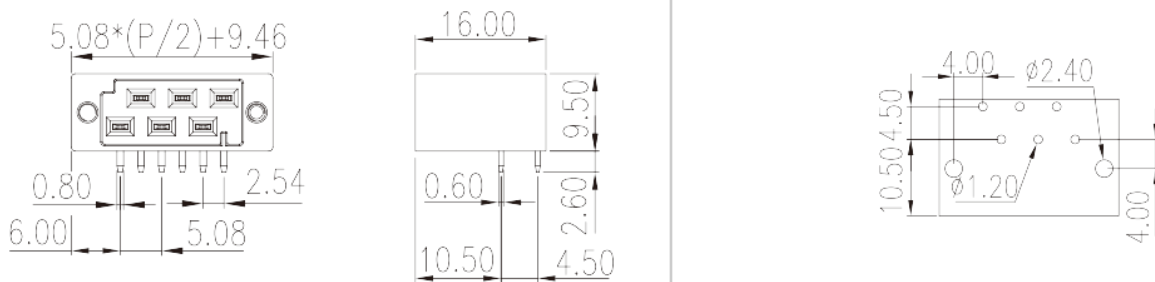
Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

### CUL Recognized

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Rated voltage (Group B)(V)	300
Rated current (Group B)(A)	8
Rated voltage (Group D)(V)	300
Rated current (Group D)(A)	8

## Drawings



## Approvals

