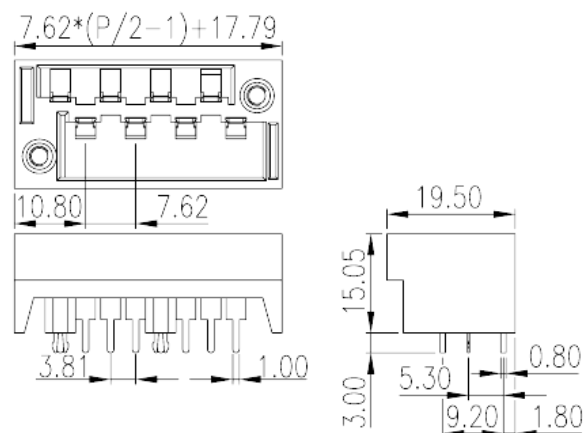
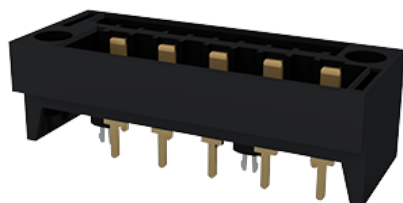


# 2DSDB-01-XX

Barrier Terminal Blocks > Pluggable

Date:2025-08-07



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: 7.62mm, 300V, 12A

## General information

Short description	Pluggable
Category	Pluggable
Pitch (mm)	7.62
Color	Grey (default)
Connection method	Without
Type of locking	With threaded flange
Soldering method	Wave Soldering
Length (mm)	$7.62 \times (P/2 - 1) + 17.79$
Width (mm)	19.5
Height (mm)	15.05
Pin dimensions (Thickness x Width)(mm)	0.8x1
PCB hole diameter (mm)	1.7
Number of positions	06P~42P
Level	Bi-level
Connection points	6~42

## 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	Au PLATED

## Connection data-IEC

Rated voltage (V)	250
Rated current (A)	10
Rated voltage (II/2)(V)	500
Rated voltage (III/2) (V)	250
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)	0.5

## Connection data-UL

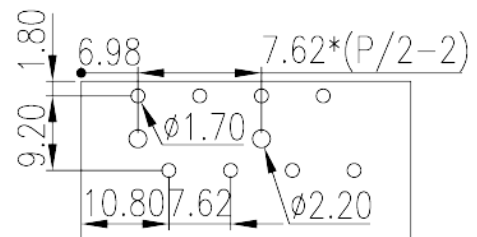
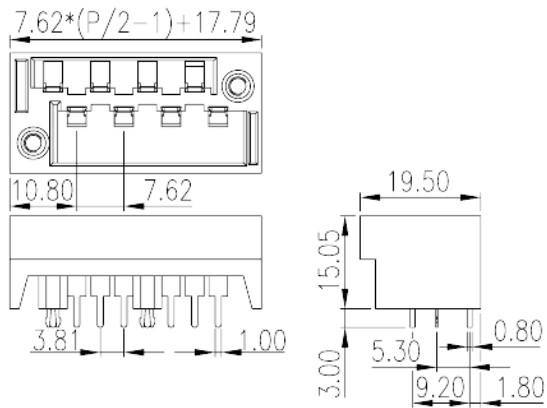
Rated voltage (UL/CUL Group B)(V)	300
Rated current (UL/CUL Group B)(A)	12
Rated voltage (UL/CUL Group D)(V)	300
Rated current (UL/CUL Group D)(A)	10

## Environment & Safety

Back of the hand protection (YES or NO)	YES
Operating temperature. max (°C)	120
Operating temperature. min (°C)	-40

## Drawings

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## Approvals

