



**SERIES:** TB0015-500 | **DESCRIPTION:** TERMINAL BLOCK

**FEATURES**

- 5.0 mm pitch
- 2-12 poles
- UL and CE safety approvals



**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B, D			300	V
rated current (UL)	Use Group: B, D			10	A
rated voltage (IEC)	Oversoltage Category/Pollution Degree: III/2			320	V
rated current (IEC)	Oversoltage Category/Pollution Degree: III/2			17.5	A
withstanding voltage	for 1 minute		2,500		Vac
surge voltage				4,000	V
contact resistance				8	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, IEC 609982-2, IEC 60947-7-4				
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 3 seconds	255	260	265	°C

**PART NUMBER KEY**

**TB0015 - 500 - XX XX**

Base Number

No. of Poles:

Body Color:

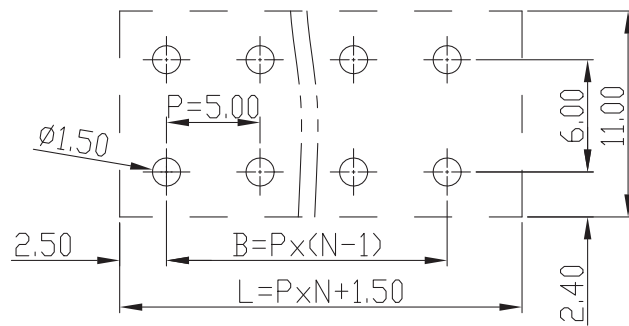
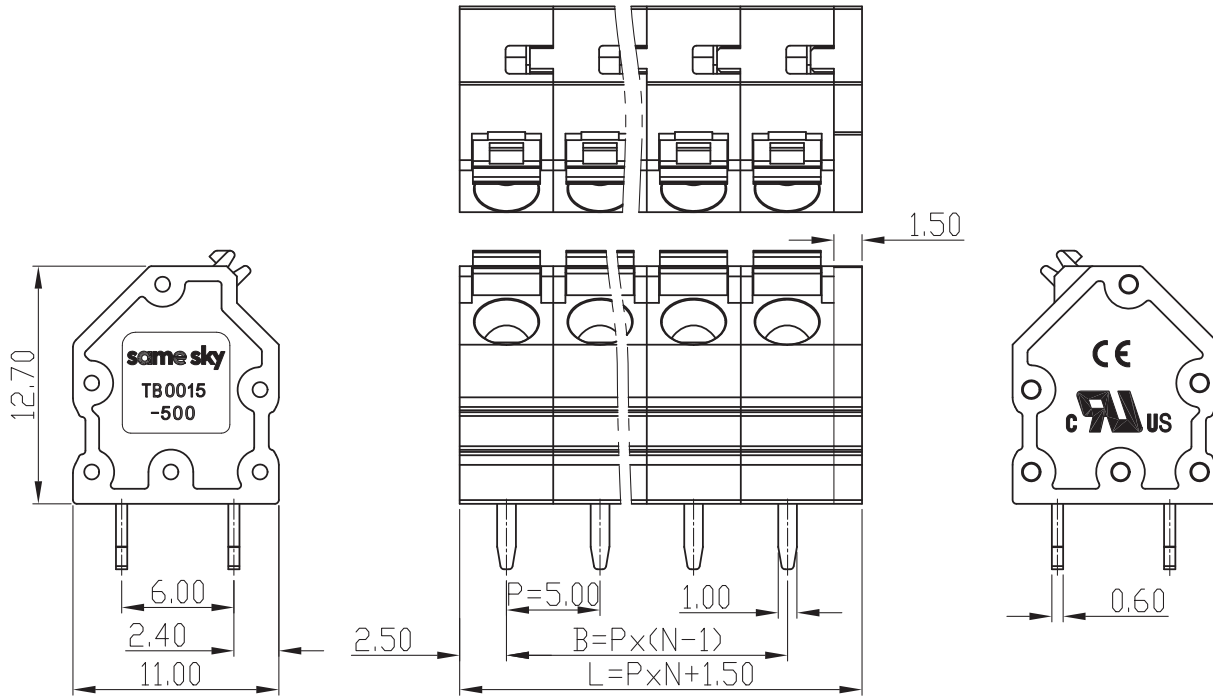
- 02 08
- 03 09
- 04 10
- 05 11
- 06 12
- 07

- BE = blue
- BK = black
- GR = green

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 6.00$ :  $\pm 0.25$  mm  
 $6.00 < X \leq 30.00$ :  $\pm 0.40$  mm  
 $30.00 < X \leq 60.00$ :  $\pm 0.60$  mm  
 $60.00 < X \leq 150.00$ :  $\pm 1.00$  mm  
 $X > 150.00$ :  $\pm 1.50$  mm  
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	see part number key
push button	PA66 (UL94V-0)	orange
contacts	copper alloy	tin
spring	stainless steel	



Recommended PCB Layout  
Top View

WIRE ASSEMBLY		
	UL	IEC
Wire Range	30-16 AWG	0.2-1.5 mm <sup>2</sup>
Strip Length	9-10 mm	

This series is constructed of 1 pole modules where L is the total length, P is the pitch, and N is the number of poles.											
N	02	03	04	05	06	07	08	09	10	11	12
L	11.50	16.50	21.50	26.50	31.50	36.50	41.50	46.50	51.50	56.50	61.50
B	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00

## REVISION HISTORY

rev.	description	date
1.0	initial release	06/02/2026

The revision history provided is for informational purposes only and is believed to be accurate.



Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

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