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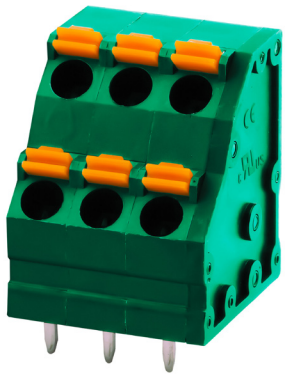
SERIES: TB0015-500-2 | DESCRIPTION: TERMINAL BLOCK

FEATURES

- 5.0 mm pitch
- double deck
- 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)	Overvoltage Category/Pollution Degree: III/2			320	V
rated current (IEC)	Overvoltage 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

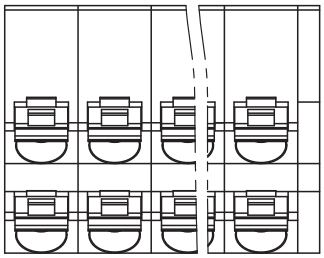
PART NUMBER KEY

TB0015 - 500 - 2 - XX XX

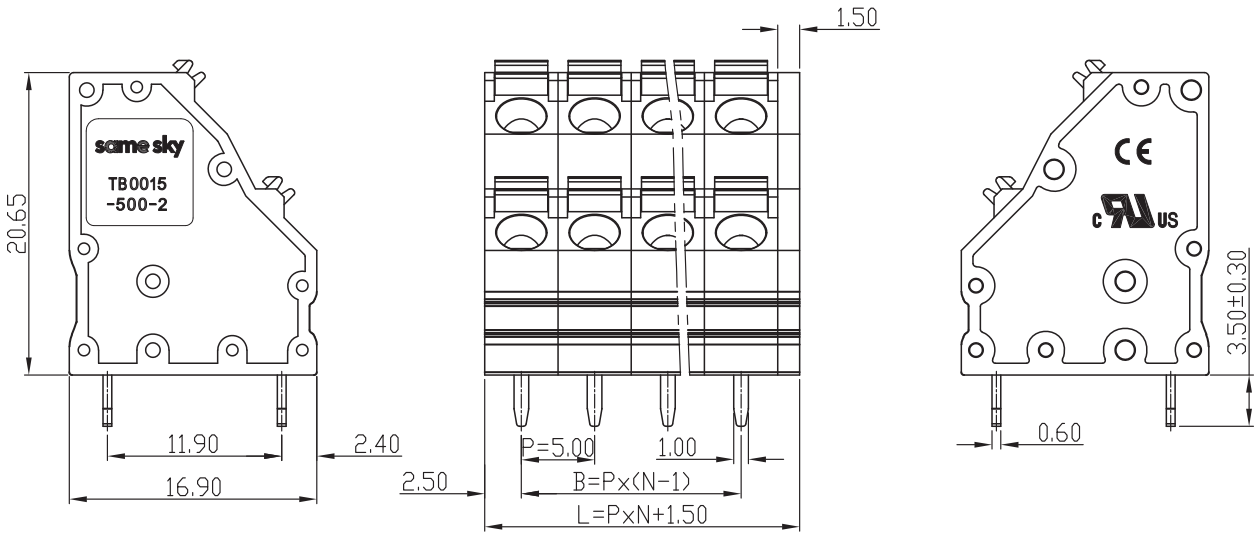
- TB0015 - 500 - 2: Base Number
- XX: No. of Poles: 02 03 04 05 06 07 08 09 10 11 12
- XX: Body Color: BE = blue, BK = black, GR = green

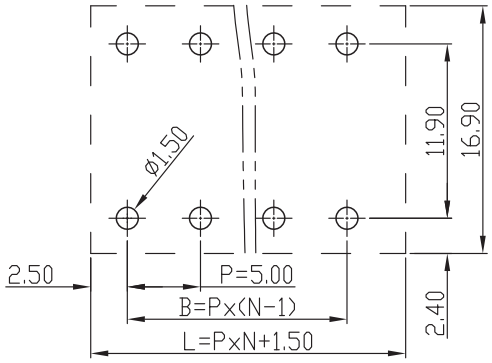
MECHANICAL DRAWING

units: mm
tolerance:
X≤6.00: ±0.25 mm
6.00<X≤30.00: ±0.40 mm
30.00<X≤60.00: ±0.60 mm
60.00<X≤150.00: ±1.00 mm
X>150.00: ±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 mm²
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

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

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