

SERIES: TBL001-500 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 1~24 poles
- horizontal with board
- interlocking (side)
- push button clamp
- 5.00 mm pitch
- UL and CE safety approvals

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			300	V
	IEC			250	V
rated current (per contact)	UL			5	A
	IEC			15	A
withstanding voltage			2000		Vac
surge voltage				4000	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, EN 60998-1:2004, EN 60998-2-1:2004				
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
hand soldering	for maximum 10 seconds	345	350	355	°C
wave soldering	for maximum 5 seconds	255	260	265	°C

PART NUMBER KEY**TBL001-500 - XX XX - 2XX**

Base Number

No. of Poles:

01	09	17
02	10	18
03	11	19
04	12	20
05	13	21
06	14	22
07	15	23
08	16	24

Body Color:

BE = blue
GR = green
OR = orange
YL = yellow
*GY = gray
BK = black

Push Button Color:

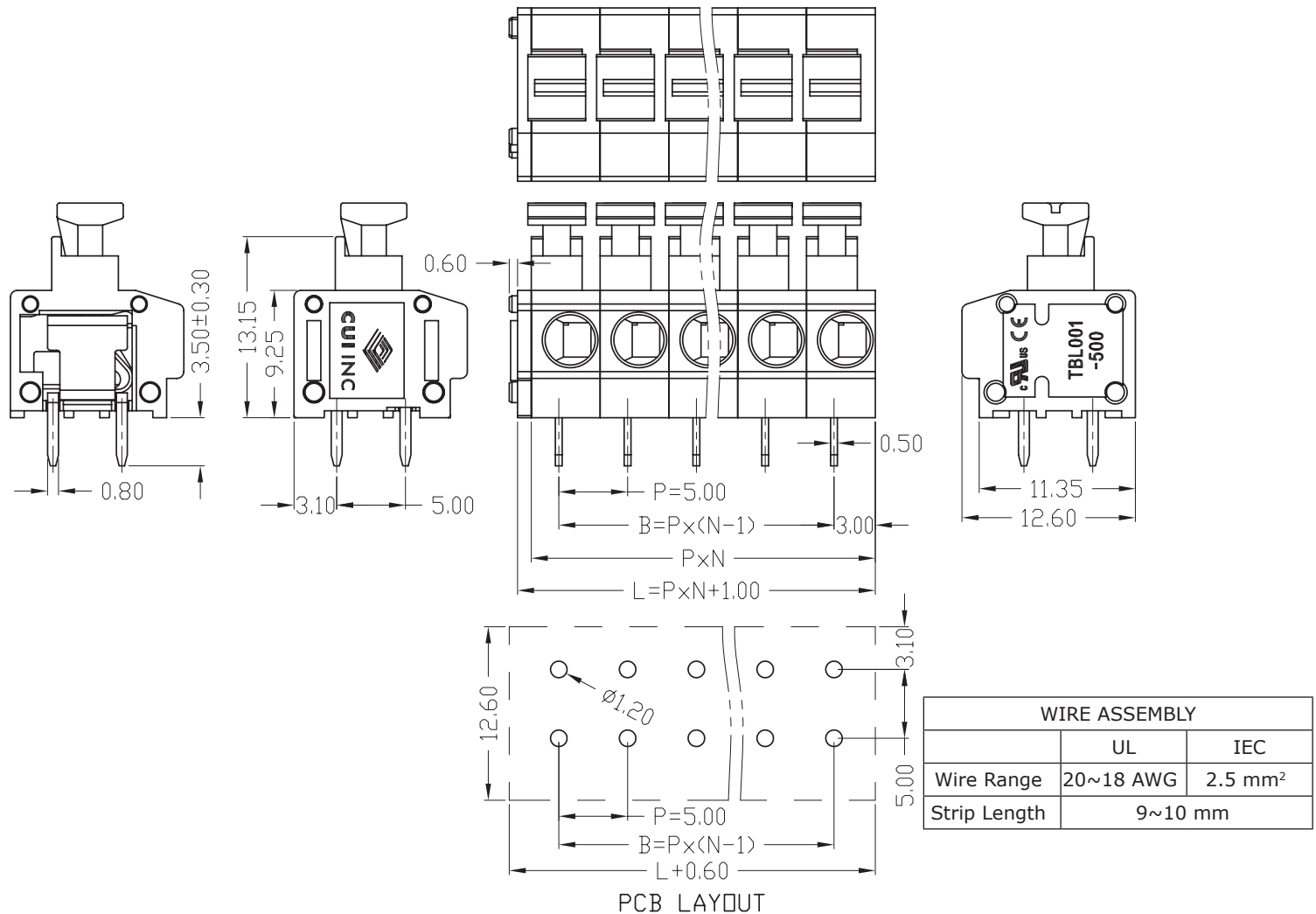
BE = blue
GR = green
OR = orange
YL = yellow
*GY = gray
BK = black
WT = white

*Standard housing color is gray with gray push button. All other colors are subject to higher MOQ. Please inquire with CUI Devices sales for details.

MECHANICAL DRAWING

units: mm
 tolerance (per module):
 $X \leq 6.00$: ± 0.25 mm
 $6.00 < X \leq 30.00$: ± 0.40 mm
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	
contacts	copper alloy	tin
spring	stainless steel	



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	01	02	03	04	05	06	07	08	09	10	11	12
L	6.00	11.00	16.00	21.00	26.00	31.00	36.00	41.00	46.00	51.00	56.00	61.00
B	--	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00
N	13	14	15	16	17	18	19	20	21	22	23	24
L	66.00	71.00	76.00	81.00	86.00	91.00	96.00	101.00	106.00	111.00	116.00	121.00
B	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00	100.00	105.00	110.00	115.00

REVISION HISTORY

rev.	description	date
1.0	initial release	04/17/2019
1.01	brand update	02/06/2020
1.02	updated datasheet	04/20/2020

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

CUI DEVICES

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

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