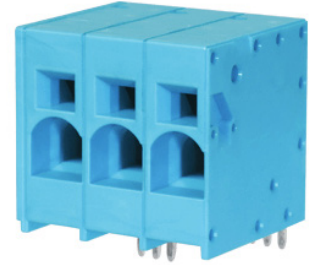




**SERIES:** TBL008-1000 | **DESCRIPTION:** TERMINAL BLOCK

**FEATURES**

- 2~24 poles
- horizontal with board
- interlocking (side)
- spring-cage clamp
- 10.00 mm pitch
- UL safety approval
- IEC 60947-7-4 compliant



**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			600	V
	IEC			1000	V
rated current (per contact)	UL			66	A
	IEC			76	A
withstanding voltage	for 1 minute		2200		Vac
surge voltage				8000	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059 certified, IEC 60947-7-4 compliant				
flammability rating	UL94V-0				
RoHS	yes				

**SOLDERABILITY**

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds		250		°C

**PART NUMBER KEY**

**TBL008-1000 - XX XX**

Base Number

No. of Poles:

Body Color:

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

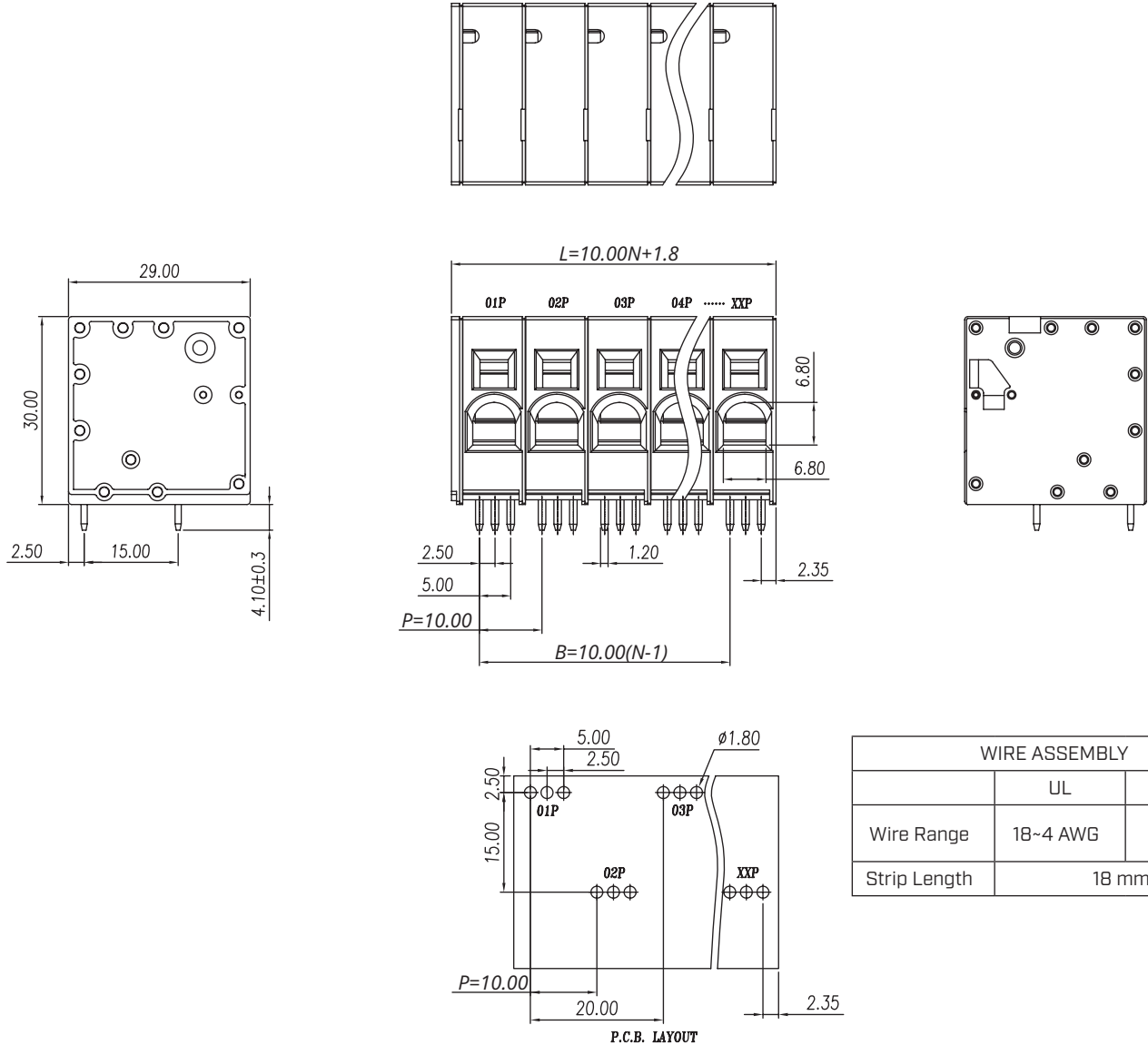
- \*BE = blue
- GR = green
- OR = orange
- YL = yellow
- GY = gray
- BK = black

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

## MECHANICAL DRAWING

units: mm  
 tolerance:  
 $X \leq 6.00$ :  $\pm 0.20$  mm  
 $6.00 < X \leq 10.00$ :  $\pm 0.30$  mm  
 $10.00 < X \leq 30.00$ :  $\pm 0.50$  mm  
 $30.00 < X \leq 60.00$ :  $\pm 0.70$  mm  
 $60.00 < X \leq 100.00$ :  $\pm 1.00$  mm  
 $100.00 < X \leq 160.00$ :  $\pm 1.30$  mm  
 $X > 160.00$ :  $\pm 1.60$  mm  
 unless otherwise noted

DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 [UL94V-0]	
contacts	copper alloy	tin



WIRE ASSEMBLY		
	UL	IEC
Wire Range	18~4 AWG	0.75~16 mm <sup>2</sup>
Strip Length	18 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	13
L	21.80	31.80	41.80	51.80	61.80	71.80	81.80	91.80	101.80	111.80	121.80	131.80
B	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00
N	14	15	16	17	18	19	20	21	22	23	24	--
L	141.80	151.80	161.80	171.80	181.80	191.80	201.80	211.80	221.80	231.80	241.80	--
B	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00	210.00	220.00	230.00	--

## REVISION HISTORY

rev.	description	date
1.0	initial release	08/13/2019
1.01	brand update	02/06/2020
1.02	updated datasheet	04/21/2020
1.03	logo, datasheet style update	08/12/2022

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



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

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CUI Devices products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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