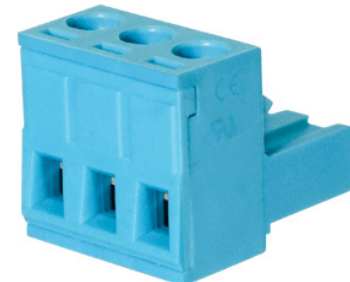


**SERIES:** TBP01P1-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- 180° insertion entry
- retention latch
- 5.08 mm pitch
- UL and CE safety approvals

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			300	V
	IEC			320	V
rated current (per contact)	UL			16	A
	IEC			20	A
withstanding voltage			2500		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				

**PART NUMBER KEY****TBP01P1-508 - XX XX**

Base Number

No. of Poles:

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

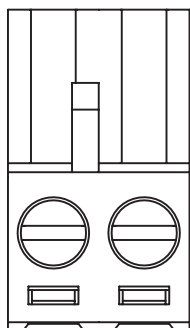
Color:

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

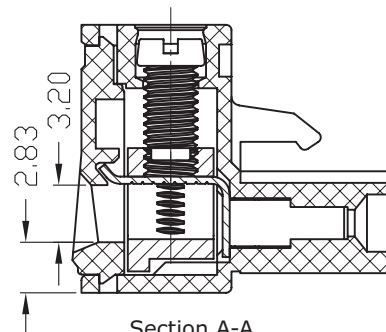
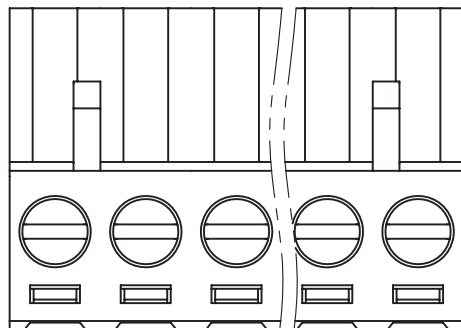
## MECHANICAL DRAWING

units: mm  
 tolerance (per module):  
 $X \leq 6.00$ :  $\pm 0.25$  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  
 unless otherwise noted

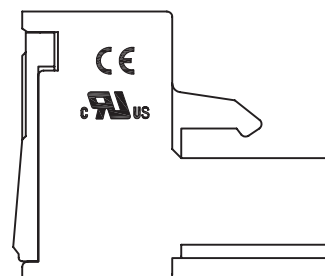
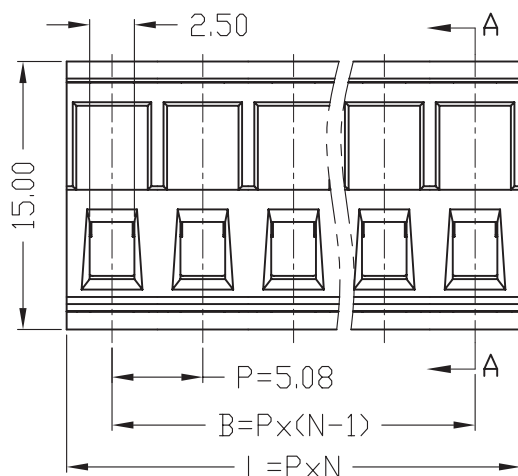
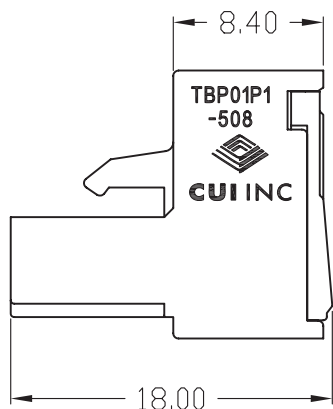
DESCRIPTION	MATERIAL	PLATING/COLOR
housing	PA66 (UL94V-0)	
contacts	copper alloy	nickel
wire screws	steel	zinc
block	copper alloy	nickel



2 Pole Module



Section A-A



WIRE ASSEMBLY		
	UL	IEC
Wire Range	28~12 AWG	2.5 mm <sup>2</sup>
Strip Length	7 mm	
Screw Size	M3	
Screw Torque	0.5 N·m	

This series is constructed of single piece 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	10.16	15.24	20.32	25.40	30.48	35.56	40.64	45.72	50.80	55.88	60.96	66.04
B	5.08	10.16	15.24	20.32	25.40	30.48	35.56	40.64	45.72	50.80	55.88	60.96
N	14	15	16	17	18	19	20	21	22	23	24	--
L	71.12	76.20	81.28	86.36	91.44	96.52	101.60	106.68	111.76	116.84	121.92	--
B	66.04	71.12	76.20	81.28	86.36	91.44	96.52	101.60	106.68	111.76	116.84	--

## REVISION HISTORY

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rev.	description	date
1.0	initial release	03/27/2019
1.01	brand update	02/06/2020
1.02	updated datasheet	04/21/2020

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

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