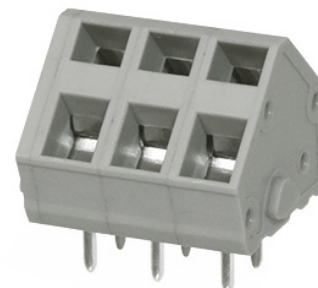


SERIES: TBL007A-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- 45° with board
- interlocking (side)
- spring-cage clamp
- 5.08 mm pitch
- UL safety approval
- IEC 60947-7-4 compliant

**SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			300	V
	IEC			320	V
rated current (per contact)	UL			15	A
	IEC			24	A
withstanding voltage	for 1 minute		1600		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 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**TBL007A-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

Body Color:

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

MECHANICAL DRAWING

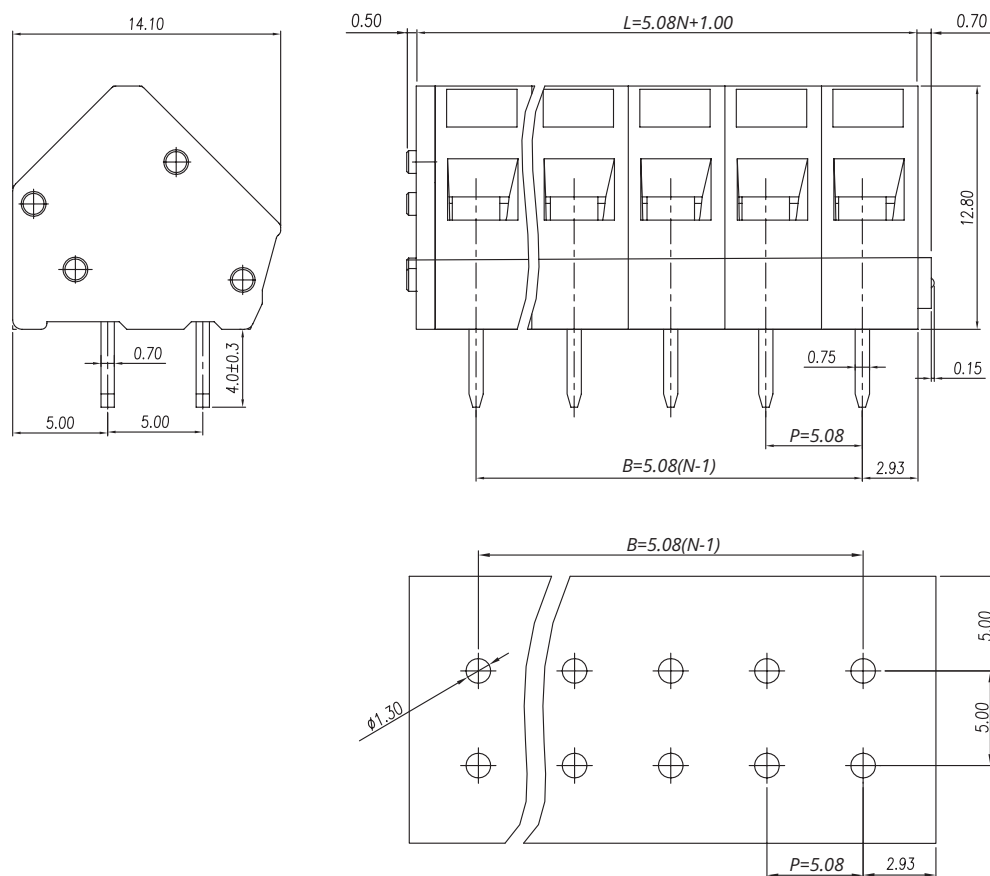
units: mm

tolerance:

 $X \leq 6.00$: ± 0.20 mm $6.00 < X \leq 10.00$: ± 0.30 mm $10.00 < X \leq 30.00$: ± 0.50 mm $30.00 < X \leq 60.00$: ± 0.70 mm $60.00 < X \leq 100.00$: ± 1.00 mm $100.00 < X \leq 160.00$: ± 1.30 mm $X > 160.00$: ± 1.60 mm

unless otherwise noted

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



WIRE ASSEMBLY		
	UL	IEC
Wire Range	26~14 AWG	0.2~2.5 mm ²
Strip Length	5~6 mm	

P.C.B. LAYOUT

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	11.16	16.24	21.32	26.40	31.48	36.56	41.64	46.72	51.80	56.88	61.96	67.04
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	72.12	77.20	82.28	87.36	92.44	97.52	102.60	107.68	112.76	117.84	122.92	--
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

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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