

**SERIES:** TBL004-508 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- horizontal with board
- interlocking (side)
- push button 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			10	A
	IEC			15	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**TBL004-508 - XX XX - 2XX**

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

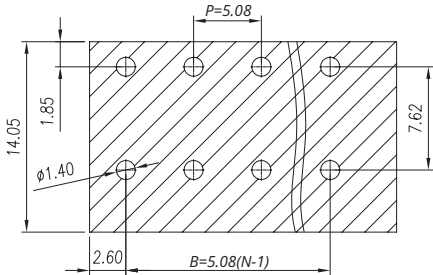
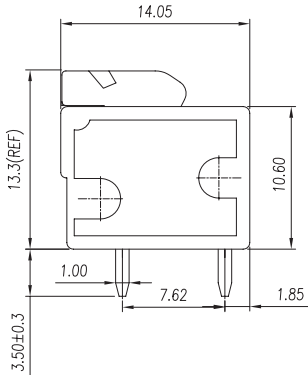
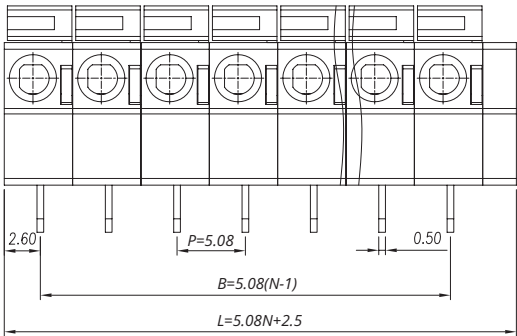
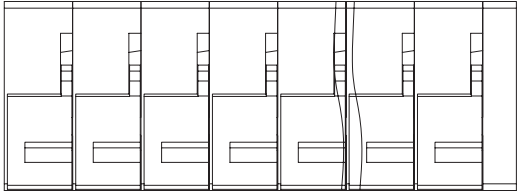
Push Button Color:

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

MECHANICAL DRAWING

units: mm
tolerance:
X≤6.00: ±0.20 mm
6.00<X≤10.00: ±0.30 mm
10.00<X≤30.00: ±0.50 mm
30.00<X≤60.00: ±0.70 mm
60.00<X≤100.00: ±1.00 mm
100.00<X≤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



P.C.B. LAYOUT

WIRE ASSEMBLY		
	UL	IEC
Wire Range	24~14 AWG	0.2~1.5 mm²
Strip Length	10~11 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	12.66	17.74	22.82	27.90	32.98	38.06	43.14	48.22	53.30	58.38	63.46	68.54
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	73.62	78.70	83.78	88.86	93.94	99.02	104.10	109.18	114.26	119.34	124.42	--
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	04/20/2020
1.03	logo, datasheet style update	08/12/2022
1.04	CUI Devices rebranded to Same Sky	09/12/2024

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



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

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