

SERIES: TB005-762 | **DESCRIPTION:** TERMINAL BLOCK

FEATURES

- 2~24 poles
- horizontal with board
- interlocking (side)
- 7.62 mm pitch
- UL and CE safety approvals



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL			300	V
	IEC			630	V
rated current (per contact)	UL			30	A
	IEC			32	A
withstanding voltage			2500		Vac
surge voltage				6000	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

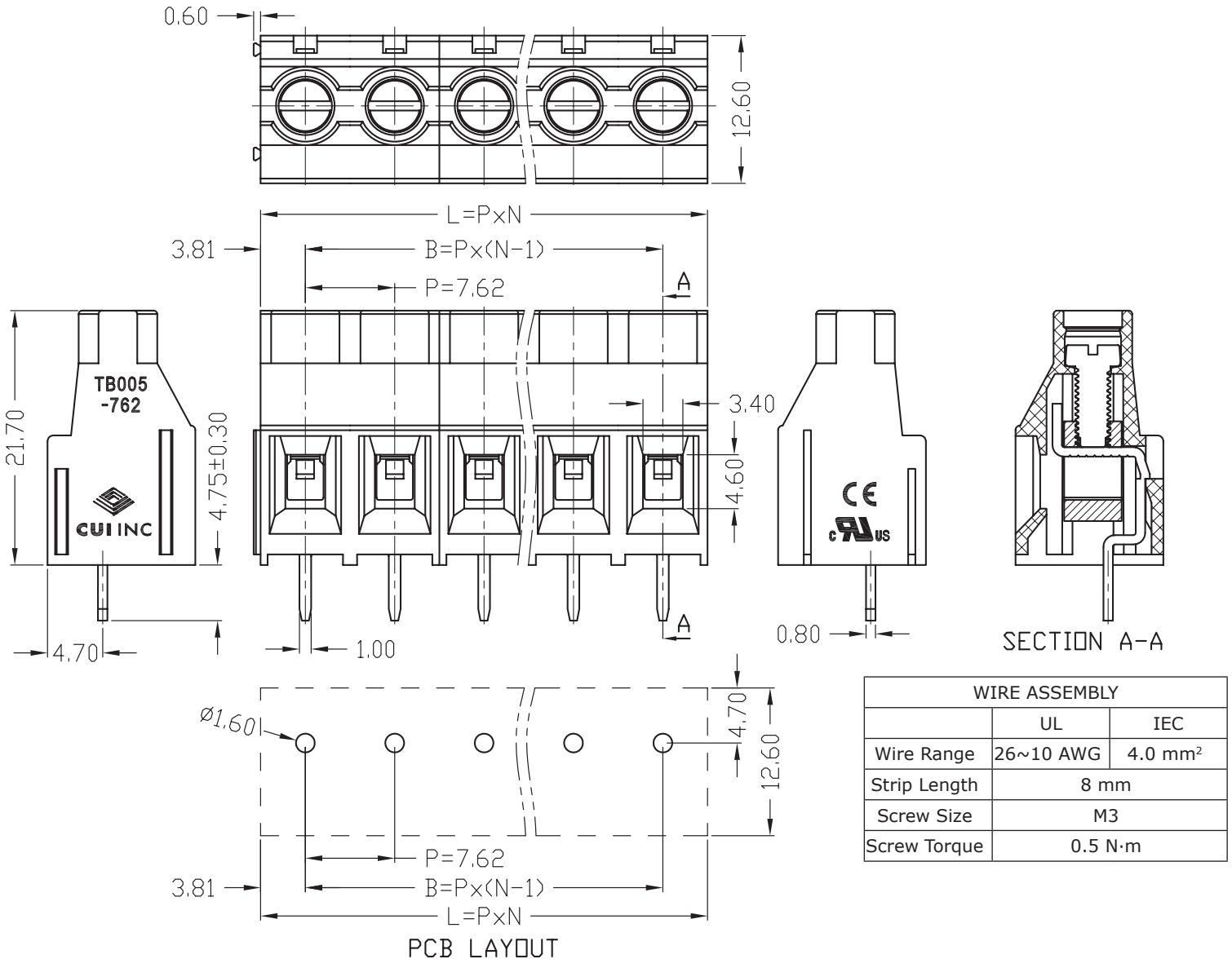
TB005-762 - X XX XX

Base Number	Screw Type: "blank" = Slot P = Phillips	No. of Poles:	Color:
		02 14	BE = blue
		03 15	GR = green
		04 16	OR = orange
		05 17	YL = yellow
		06 18	GY = gray
		07 19	BK = black
		08 20	
		09 21	
		10 22	
		11 23	
		12 24	
		13	

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
screws	steel	zinc
block	copper alloy	nickel



This series can be constructed of 2 and 3 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	15.24	22.86	30.48	38.10	45.72	53.34	60.96	68.58	76.20	83.82	91.44	99.06
B	7.62	15.24	22.86	30.48	38.10	45.72	53.34	60.96	68.58	76.20	83.82	91.44
N	14	15	16	17	18	19	20	21	22	23	24	--
L	106.68	114.30	121.92	129.54	137.16	144.78	152.40	160.02	167.74	175.26	182.88	--
B	99.06	106.68	114.30	121.92	129.54	137.16	144.78	152.40	160.02	167.74	175.26	--

REVISION HISTORY

rev.	description	date
1.0	initial release	03/12/2019

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



Headquarters
20050 SW 112th Ave.
Tualatin, OR 97062
800.275.4899

Fax 503.612.2383
cui.com
techsupport@cui.com

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

CUI reserves the right to make changes to the product at any time without notice. Information provided by CUI is believed to be accurate and reliable. However, no responsibility is assumed by CUI for its use, nor for any infringements of patents or other rights of third parties which may result from its use.

CUI 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.