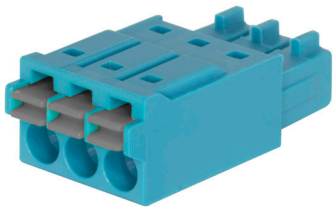
CUI DEVICES

SERIES: TBP03P2-350 | **DESCRIPTION:** TERMINAL BLOCK

FEATURES

- 2~24 poles
- 3.50 mm pitch
- UL and CE safety approvals



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (per contact)	UL IEC			300 320	V V
rated current (per contact)	UL IEC			8 8	A A
withstanding voltage	for 1 minute		1600		Vac
surge voltage				2500	V
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059, EN61984:2009				
flammability rating	UL94V-0				
RoHS	yes				

PART NUMBER KEY

TBP03P2-350 - XX XXXX

Base Number

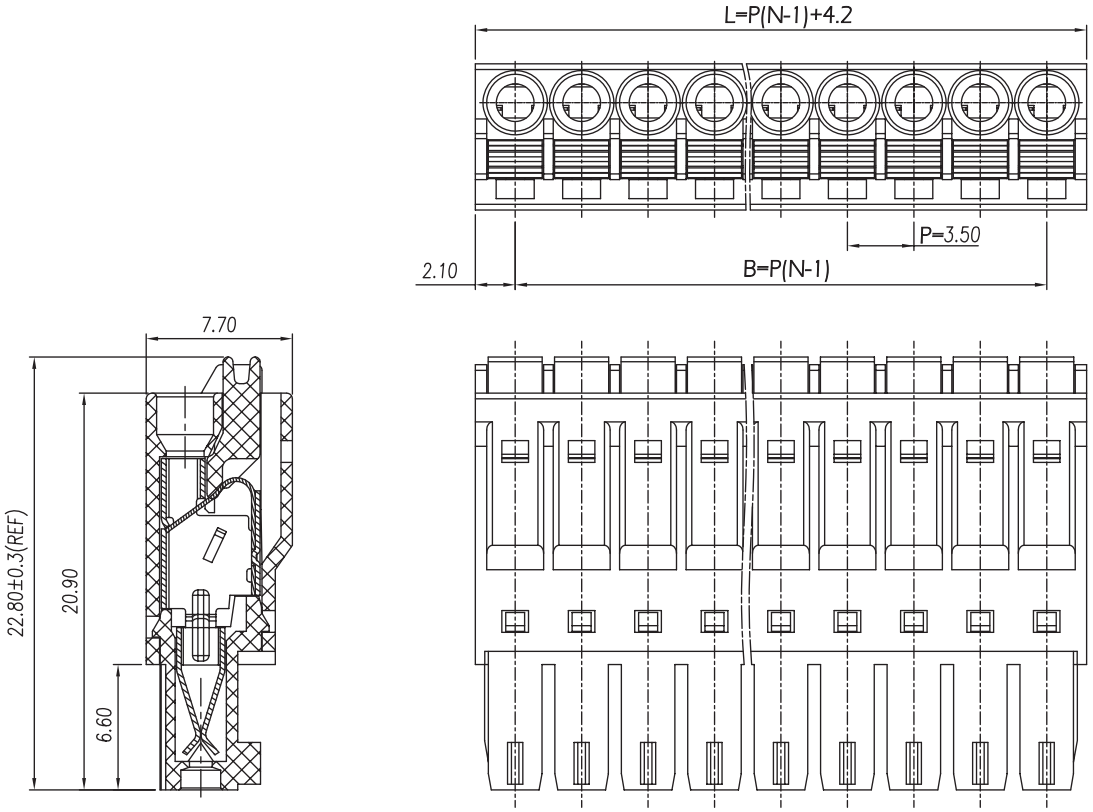
No. of Poles:
02 10 18
03 11 19
04 12 20
05 13 21
06 14 22
07 15 23
08 16 24
09 17

Body/Push Button Color:
BEGY = blue/gray
BEOR = blue/orange
GROR = green/orange

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)	
push button	PA66 (UL94V-0)	
contacts	copper alloy	tin



WIRE ASSEMBLY		
	UL	IEC
Wire Range	24~16 AWG	0.2~1.5 mm²
Strip Length	9~10 mm	

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	7.70	11.20	14.70	18.20	21.70	25.20	28.70	32.20	35.70	39.20	42.70	46.20
B	3.50	7.00	10.50	14.00	17.50	21.00	24.50	28.00	31.50	35.00	38.50	42.00
N	14	15	16	17	18	19	20	21	22	23	24	--
L	49.70	53.20	56.70	60.20	63.70	67.20	70.70	74.20	77.70	81.20	84.70	--
B	45.50	49.00	52.50	56.00	59.50	63.00	66.50	70.00	73.50	77.00	80.50	--

REVISION HISTORY

rev.	description	date
1.0	initial release	10/07/2021
1.01	added blue/orange color option	11/30/2021

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

CUI DEVICES

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

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

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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