



SERIES: TBP06H-500 | **DESCRIPTION:** TERMINAL BLOCK

FEATURES

- 5 mm pitch
- UL and CE safety approvals
- 2-12 poles



SPECIFICATIONS

parameter	conditions/description	min	typ	max	units
rated voltage (UL)	Use Group: B, D			300	V
rated current (UL)	Use Group: B, D			10	A
rated voltage (IEC)	Oversoltage Category/Pollution Degree: III/2			250	V
rated current (IEC)	Oversoltage Category/Pollution Degree: III/2			12	A
withstanding voltage	for 1 minute		2,000		Vac
contact resistance				20	mΩ
insulation resistance	at 500 Vdc	500			MΩ
operating temperature		-40		105	°C
safety approvals	UL 1059 certified, EN 60998-1:2004 & EN 60998-2-1:2004 compliant				
flammability rating	UL94V-0				
RoHS	yes				

SOLDERABILITY

parameter	conditions/description	min	typ	max	units
wave soldering	for maximum 5 seconds	245	250	255	°C

PART NUMBER KEY

TBP06H - 500 - XX BK

Base Number

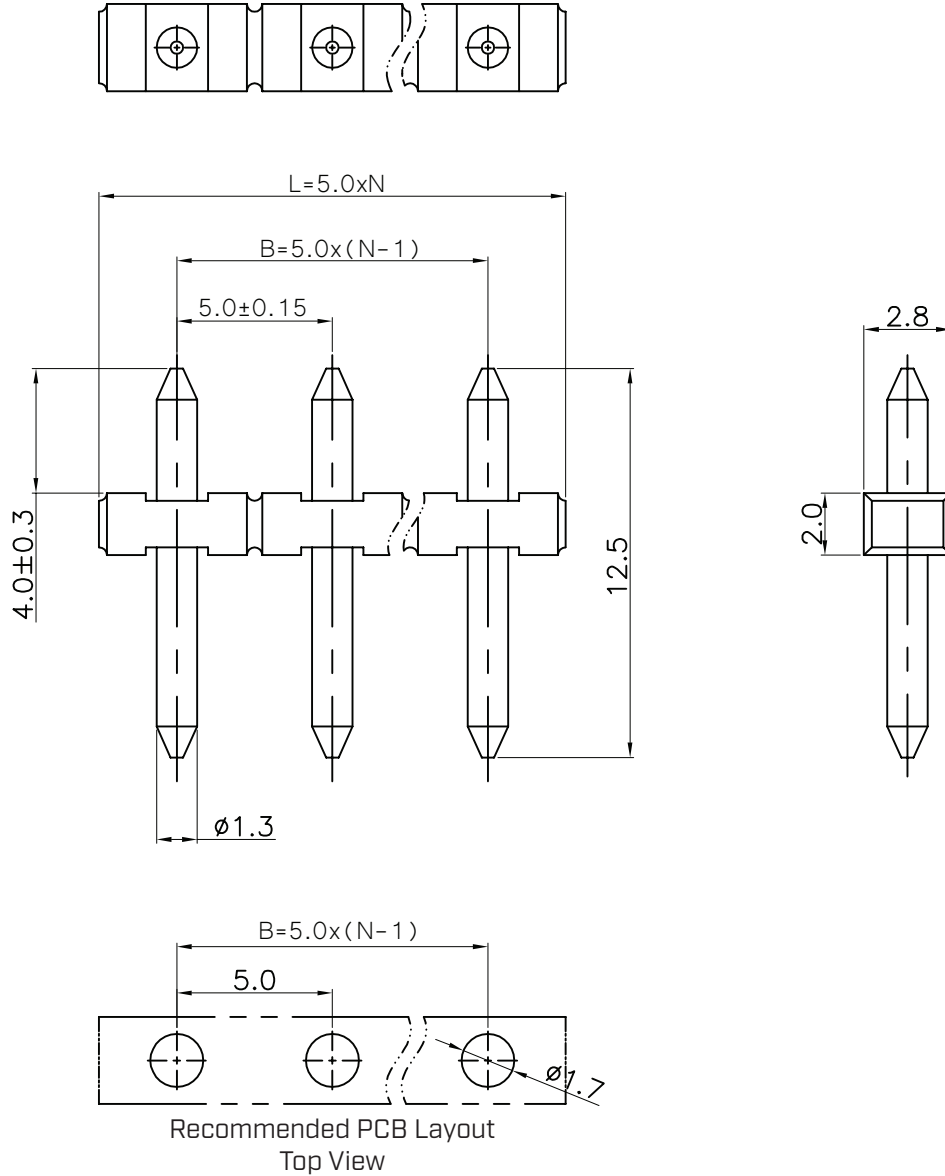
No. of Poles:

- 02 08
- 03 09
- 04 10
- 05 11
- 06 12
- 07

MECHANICAL DRAWING

units: mm
 tolerance:
 $X \leq 30.00$: ± 0.30 mm
 $30.00 < X \leq 60.00$: ± 0.50 mm
 $60.00 < X \leq 100.00$: ± 0.70 mm
 $100.00 < X \leq 150.00$: ± 1.00 mm
 $X > 150.00$: ± 1.30 mm
 unless otherwise noted

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



This series is constructed of single piece modules where L is the total length, and N is the number of the poles

N	02	03	04	05	06	07	08	09	10	11	12
L	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00
B	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00	55.00

REVISION HISTORY

rev.	description	date
1.0	initial release	12/03/2025

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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