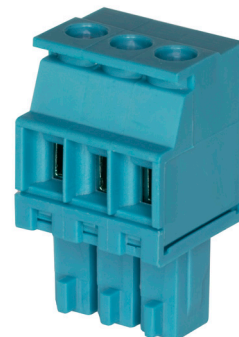


SERIES: TBP03P4-350 | **DESCRIPTION:** TERMINAL BLOCK

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 | | | 300 | V |
| | IEC | | | 320 | V |
| rated current (per contact) | UL | | | 8 | A |
| | IEC | | | 7 | 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
TBP03P4-350 - 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

Color:

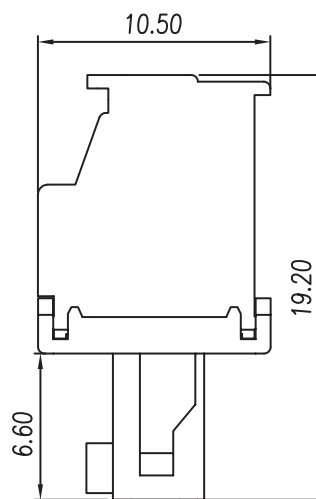
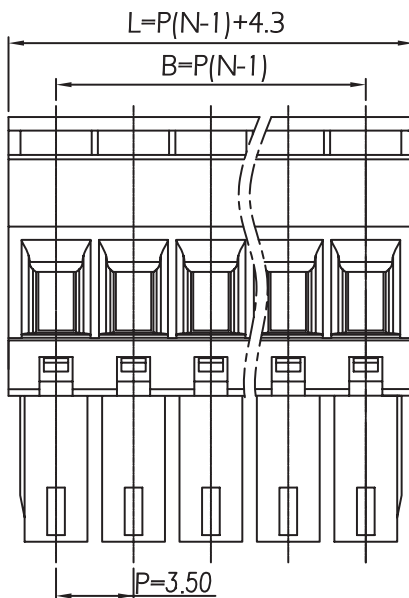
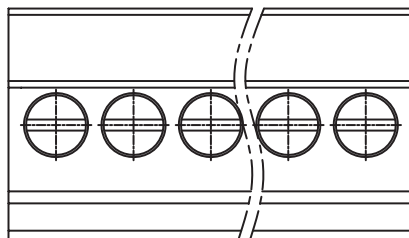
BE = blue

GR = green

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 | nickel |
| screws | steel | zinc |



| WIRE ASSEMBLY | | |
|---------------|-----------|-------------------------|
| | UL | IEC |
| Wire Range | 28-16 AWG | 0.2-1.5 mm ² |
| Strip Length | 6-7 mm | |
| Screw Size | M2 | |
| Screw Torque | 0.2 N-m | |

| 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 | 7.80 | 11.30 | 14.80 | 18.30 | 21.80 | 25.30 | 28.80 | 32.30 | 35.80 | 39.30 | 42.80 | 46.30 |
| 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 | 49.80 | 53.30 | 56.80 | 60.30 | 63.80 | 67.30 | 70.80 | 74.30 | 77.80 | 81.30 | 84.80 | -- |
| 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 | 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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