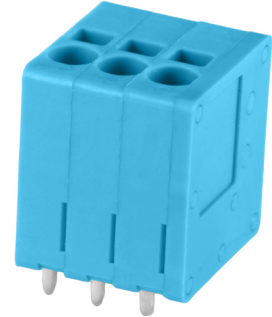


SERIES: TBL-0018-350 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~6 poles
- 3.5 mm pitch
- blue, green, red, white, & yellow options
- UL safety approved

**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) | Overvoltage Category/Pollution Degree: III/3 | | | 160 | V |
| | III/2 | | | 200 | V |
| | II/2 | | | 400 | V |
| rated current (IEC) | Overvoltage Category/Pollution Degree: III/3, III/2, II/2 | | | 17.5 | A |
| withstanding voltage | for 1 minute | | 1,600 | | Vac |
| surge voltage | | | | 2,500 | 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 | | 260 | | °C |

PART NUMBER KEY**TBL - 0018 - 350 - XX XX**

Base Number

No. of Poles:

02
03
04
05
06

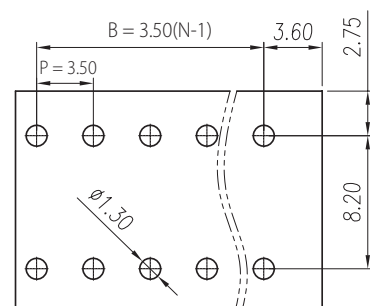
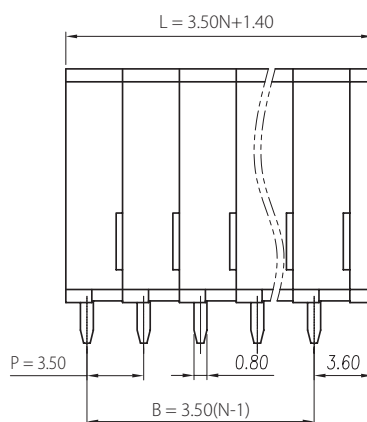
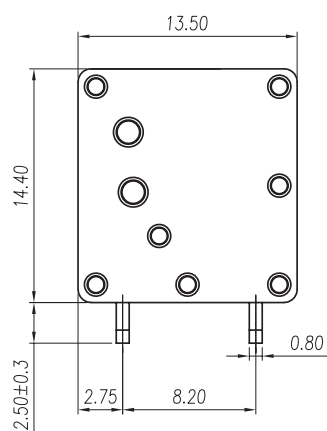
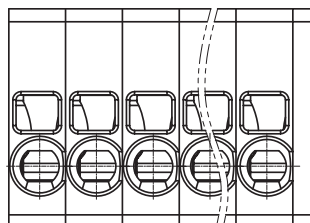
Body Color:

BE = blue
GR = green
RD = redWT = white
YL = yellow

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 | tin |



Recommended PCB Layout
Top View

| WIRE ASSEMBLY | | |
|---------------|-----------|-------------------------|
| | UL | IEC |
| Wire Range | 24~16 AWG | 0.2~1.5 mm ² |
| Strip Length | 10 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 |
|---|------|-------|-------|-------|-------|
| L | 8.40 | 11.90 | 15.40 | 18.90 | 22.40 |
| B | 3.50 | 7.00 | 10.50 | 14.00 | 17.50 |

REVISION HISTORY

| rev. | description | date |
|------|-----------------|------------|
| 1.0 | initial release | 03/18/2024 |

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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