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# SERIES: TBL-0019-350 | 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:<br>B, D | | | <br>300 | <br>V |
| rated current (UL) | Use Group:<br>B, D | | | <br>10 | <br>A |
| rated voltage (IEC) | Overvoltage Category/Pollution Degree:<br>III/3<br>III/2<br>II/2 | | | <br>160<br>200<br>400 | <br>V<br>V<br>V |
| rated current (IEC) | Overvoltage Category/Pollution Degree:<br>III/3, III/2, II/2 | | | <br>17.5 | <br>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

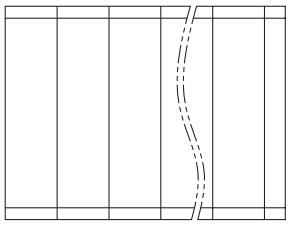
TBL - 0019 - 350 - XX XX

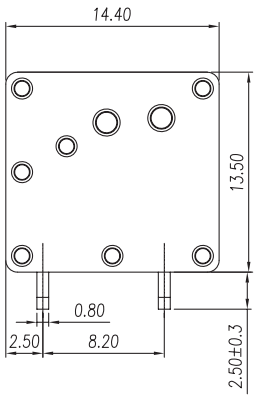
- Base Number: 0019
- No. of Poles: 02, 03, 04, 05, 06
- Body Color: BE = blue, GR = green, RD = red, WT = white, YL = yellow

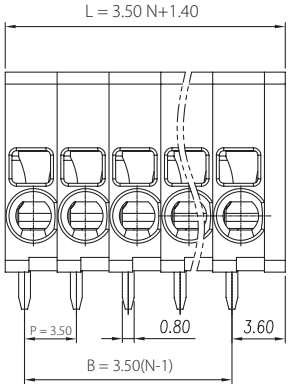
## MECHANICAL DRAWING

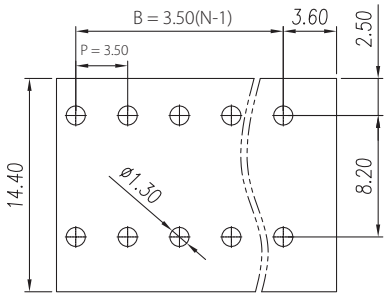
units: mm
tolerance:
X≤6.00: ±0.20 mm
6.00<X≤10.00: ±0.30 mm
10.00<X≤30.00: ±0.50 mm
30.00<X≤60.00: ±0.70 mm
60.00<X≤100.00: ±1.00 mm
100.00<X≤160.00: ±1.30 mm
X>160.00: ±1.60 mm
unless otherwise noted

| DESCRIPTION | MATERIAL | PLATING/COLOR |
|---|---|---|
| housing | PA66 (UL94V-0) | |
| contacts | copper alloy | tin |






Recommended PCB Layout
Top View

| WIRE ASSEMBLY | | |
|---|---|---|
| | UL | IEC |
| Wire Range | 24~16 AWG | 0.2~ 1.5 mm² |
| 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 |
| 1.01 | CUI Devices rebranded to Same Sky | 09/12/2024 |

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.

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

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