

**SERIES:** TBL002A-350 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 1~24 poles
- 45° angle with board
- interlocking (side)
- push button clamp
- 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                                         |     |      | 400  | V     |
| rated current (per contact) | UL                                          |     |      | 2    | A     |
|                             | IEC                                         |     |      | 5    | A     |
| withstanding voltage        |                                             |     | 2000 |      | Vac   |
| surge voltage               |                                             |     |      | 4000 | V     |
| contact resistance          |                                             |     |      | 20   | mΩ    |
| insulation resistance       | at 500 Vdc                                  | 500 |      |      | MΩ    |
| operating temperature       |                                             | -40 |      | 105  | °C    |
| safety approvals            | UL 1059, EN 60998-1:2004, EN 60998-2-1:2004 |     |      |      |       |
| flammability rating         | UL94V-0                                     |     |      |      |       |
| RoHS                        | yes                                         |     |      |      |       |

**SOLDERABILITY**

| parameter      | conditions/description | min | typ | max | units |
|----------------|------------------------|-----|-----|-----|-------|
| hand soldering | for maximum 10 seconds | 345 | 350 | 355 | °C    |
| wave soldering | for maximum 5 seconds  | 255 | 260 | 265 | °C    |

**PART NUMBER KEY**

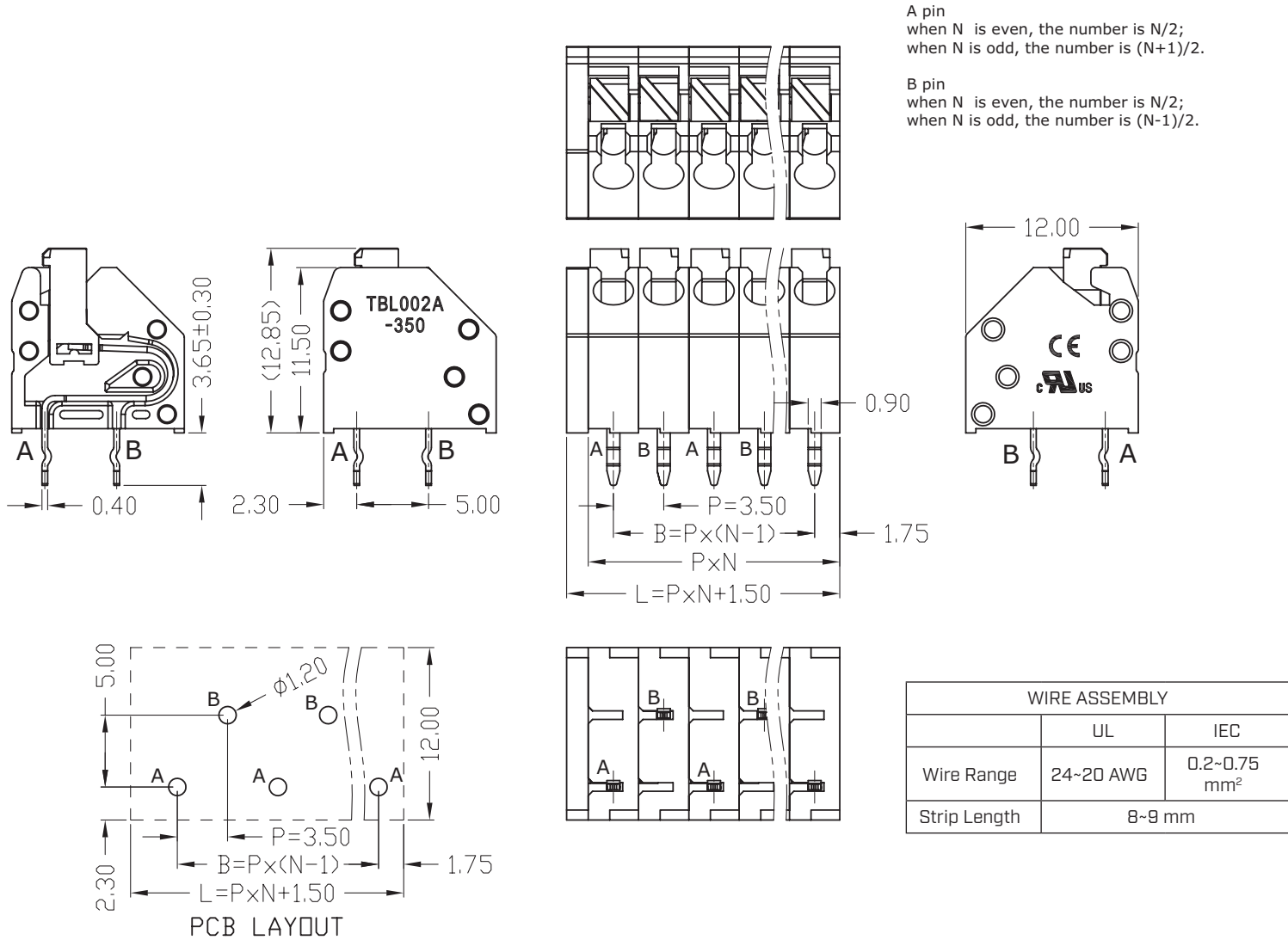
| TBL002A-350 - XX XX - 2XX |               |             |                    |
|---------------------------|---------------|-------------|--------------------|
| Base Number               | No. of Poles: | Body Color: | Push Button Color: |
|                           | 01 09 17      | BE = blue   | BE = blue          |
|                           | 02 10 18      | GR = green  | GR = green         |
|                           | 03 11 19      | OR = orange | OR = orange        |
|                           | 04 12 20      | YL = yellow | YL = yellow        |
|                           | 05 13 21      | *GY = gray  | *GY = gray         |
|                           | 06 14 22      | BK = black  | BK = black         |
|                           | 07 15 23      |             | WT = white         |
|                           | 08 16 24      |             |                    |

\*Standard housing color is gray with gray push button. All other colors are subject to higher MOQ. Please inquire with Same Sky sales for details.

MECHANICAL DRAWING

units: mm  
tolerance (per module):  
X≤6.00: ±0.25 mm  
6.00<X≤30.00: ±0.40 mm  
unless otherwise noted

| DESCRIPTION | MATERIAL        | PLATING/COLOR |
|-------------|-----------------|---------------|
| housing     | PA66 [UL94V-0]  |               |
| contacts    | phosphor bronze | tin           |



| 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                                                                                                                       | 01    | 02    | 03    | 04    | 05    | 06    | 07    | 08    | 09    | 10    | 11    | 12    |
| L                                                                                                                       | 5.00  | 8.50  | 12.00 | 15.50 | 19.00 | 22.50 | 26.00 | 29.50 | 33.00 | 36.50 | 40.00 | 43.50 |
| B                                                                                                                       | --    | 3.50  | 7.00  | 10.50 | 14.00 | 17.50 | 21.00 | 24.50 | 28.00 | 31.50 | 35.00 | 38.50 |
| N                                                                                                                       | 13    | 14    | 15    | 16    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    |
| L                                                                                                                       | 47.00 | 50.50 | 54.00 | 57.50 | 61.00 | 64.50 | 68.00 | 71.50 | 75.00 | 78.50 | 82.00 | 85.50 |
| B                                                                                                                       | 42.00 | 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                   | 04/17/2019 |
| 1.01 | brand update                      | 02/06/2020 |
| 1.02 | updated datasheet                 | 04/20/2020 |
| 1.03 | logo, datasheet style update      | 08/12/2022 |
| 1.04 | 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.

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