

**SERIES:** TBL008-1000 | **DESCRIPTION:** TERMINAL BLOCK**FEATURES**

- 2~24 poles
- horizontal with board
- interlocking (side)
- spring-cage clamp
- 10.00 mm pitch
- UL safety approval
- IEC 60947-7-4 compliant

**SPECIFICATIONS**

| parameter                   | conditions/description                     | min | typ  | max  | units |
|-----------------------------|--------------------------------------------|-----|------|------|-------|
| rated voltage (per contact) | UL                                         |     |      | 600  | V     |
|                             | IEC                                        |     |      | 1000 | V     |
| rated current (per contact) | UL                                         |     |      | 66   | A     |
|                             | IEC                                        |     |      | 76   | A     |
| withstanding voltage        | for 1 minute                               |     | 2200 |      | Vac   |
| surge voltage               |                                            |     |      | 8000 | 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  |     | 250 |     | °C    |

**PART NUMBER KEY****TBL008-1000 - 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

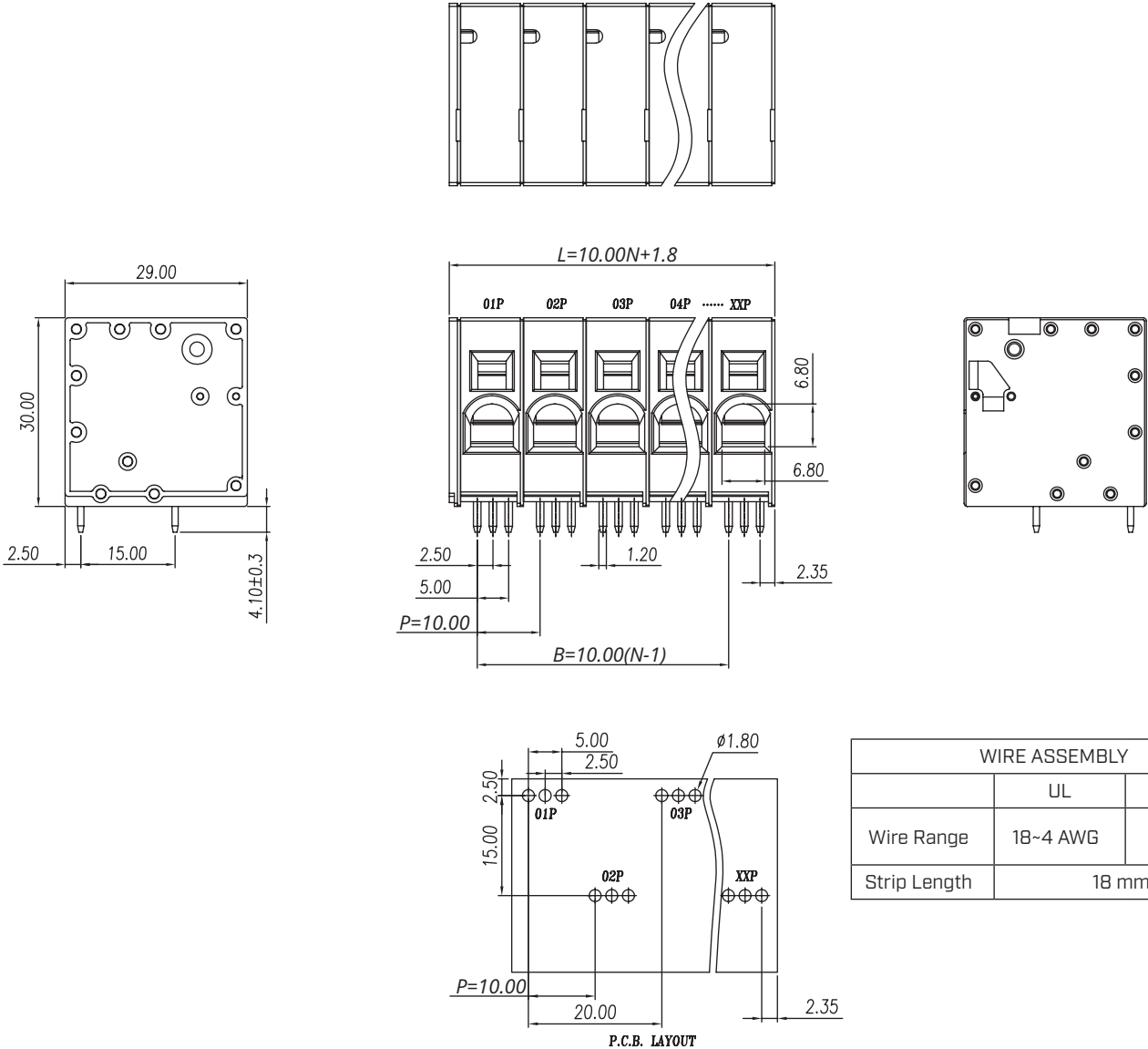
Body Color:

\*BE = blue  
GR = green  
OR = orange  
YL = yellow  
GY = gray  
BK = black

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           |



| WIRE ASSEMBLY |          |             |
|---------------|----------|-------------|
|               | UL       | IEC         |
| Wire Range    | 18~4 AWG | 0.75~16 mm² |
| Strip Length  | 18 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     | 07     | 08     | 09     | 10     | 11     | 12     | 13     |
| L                                                                                                                       | 21.80  | 31.80  | 41.80  | 51.80  | 61.80  | 71.80  | 81.80  | 91.80  | 101.80 | 111.80 | 121.80 | 131.80 |
| B                                                                                                                       | 10.00  | 20.00  | 30.00  | 40.00  | 50.00  | 60.00  | 70.00  | 80.00  | 90.00  | 100.00 | 110.00 | 120.00 |
| N                                                                                                                       | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 21     | 22     | 23     | 24     | --     |
| L                                                                                                                       | 141.80 | 151.80 | 161.80 | 171.80 | 181.80 | 191.80 | 201.80 | 211.80 | 221.80 | 231.80 | 241.80 | --     |
| B                                                                                                                       | 130.00 | 140.00 | 150.00 | 160.00 | 170.00 | 180.00 | 190.00 | 200.00 | 210.00 | 220.00 | 230.00 | --     |

REVISION HISTORY

| rev. | description                       | date       |
|------|-----------------------------------|------------|
| 1.0  | initial release                   | 08/13/2019 |
| 1.01 | brand update                      | 02/06/2020 |
| 1.02 | updated datasheet                 | 04/21/2020 |
| 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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